

Modern
PLUMBING
and
HEATING
Systems



SEARS, ROEBUCK and CO.
The World's Largest Store



We Stand Back of This Guarantee

It is your assurance of a Satisfactory Heating System and a Comfortably Warmed Home

Our Guarantee Stands the Test in the Scales of Justice

Certificate No.

Certificate of Warranty

This is to Certify that the Hercules Heating System sold by
Sears, Roebuck and Co., to _____ residing at _____
state of _____ is guaranteed to be of high quality material and work-
manship throughout.

When installed according to our plans and instructions we guarantee that it will heat all rooms
in which radiators or registers are placed to the temperature specified without forcing the fire.
We guarantee that the material will arrive at your railway station in perfect condition.
We further guarantee that this heating system will satisfy you perfectly that it will give
you the service you have a right to expect, that it represents full value for the price you pay.
If for any reason whatever you are dissatisfied with this heating system we expect
you to return it to us at our expense and we will return your money.



Dated at _____ this _____ day
of _____ A.D. _____

Sears, Roebuck and Co.

SEARS, ROEBUCK AND CO.
The World's Largest Store





Hercules Heating Systems

Hercules Boilers, Radiators and Warm Air Furnaces

*The Finishing Touch of
Comfort to the Home*

OUR EXPERIENCE in the development, perfection and distribution of our Hercules Steam, Hot Water and Warm Air Heating Systems extends over a period of more than thirty years.

From a small beginning, our heating department has shown steady growth year after year, until our annual sales of modern Steam, Hot Water and Warm Air Heating systems now figure well up into the thousands. We have proved to many thousands of our customers:

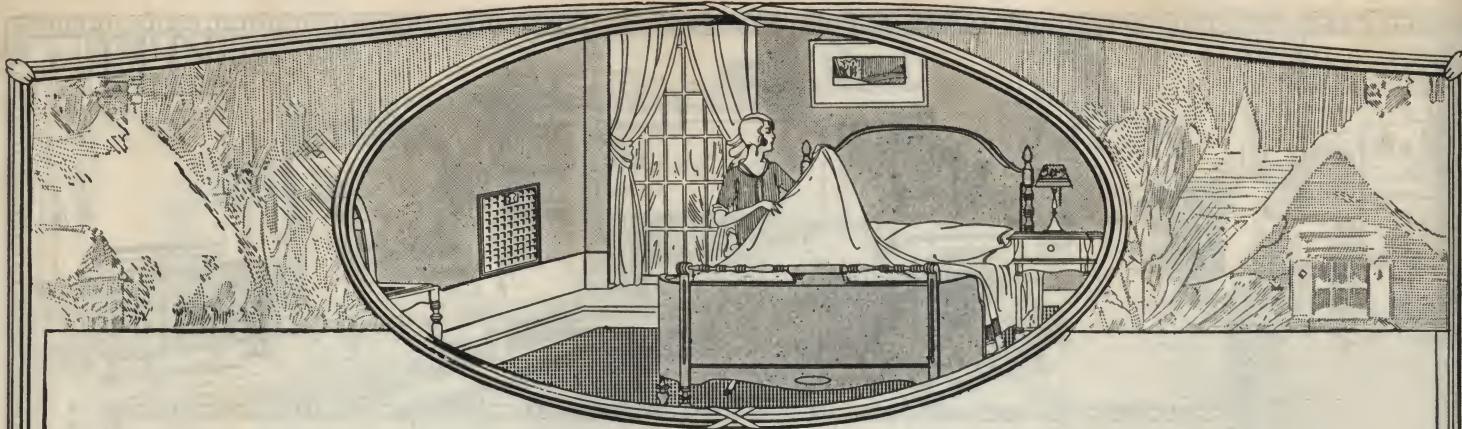
That our Hercules Heating Systems are easy to install. That they fulfill every claim we make for them.

That the broad guarantee under which they are sold and our liberal merchandising policy are a reliable assurance of satisfaction.

Among our millions of customers we know there are still thousands who are depending upon old time heating methods and are not enjoying the comfort and convenience of modern heating systems in their homes.

We are confident that if these thousands of our customers could fully realize what it means to the comfort, health and happiness of the entire family to have this modern improvement in the home, how easy to install, and how moderate our prices and the excellent quality of our material, there are few indeed who would not now be enjoying this real home comfort.





Easily Installed in Any Building, Old or New

Any of our complete Steam, Hot Water or Warm Air Heating Systems can be installed in any building, old or new. It is not at all necessary that the pipes leading to the second floor radiators should be concealed in the partition walls. If your building is already built we can so design your heating system when laying out the plans that these pipes can be carried up in the corners of the rooms.

If you install a hot water heating system, each radiator will require two pipes, one the flow pipe and the other the return pipe. These two pipes can be carried up to the second floor close together in some inconspicuous corner, and they can be nicely bronzed so that they will not detract from the appearance of the room in the least.

Our engineers when designing your system will keep these points fully in mind, and the second floor radiators will be so placed that these pipes will come in the most inconspicuous places.

On a steam heating plant each radiator requires only one single pipe connection, which makes it all the more simple.

If your building is in the course of construction, we will, of course, plan your system, if you wish, so that the pipes will be concealed within the partition walls.

When you write for our estimate be sure to tell us whether your building is already completed or just being built; if it is in the course of construction, state if you would prefer to have the pipes concealed in the walls.

Four Practical Heating Methods

There are four principal types of heating systems in common, practical use. The Hot Water Heating System, the Steam Heating System, the Warm Air Heating System and the Pipeless Furnace. The pipeless furnace works on the warm air principle and, of course, might be classed as a Warm Air Heating System, but it is of such simple and distinctive design that we believe it should be classified separately.

Aside from these four main types of heating systems, there are innumerable special systems on the market for

which very strong claims are made, such as vacuum systems, vapor systems, modulation systems, etc. The advantages claimed for these systems, in our opinion, do not justify the increased cost.



Showing how Branch Connections are taken from the main pipes on all our heating systems with close nipples and 45° elbows.

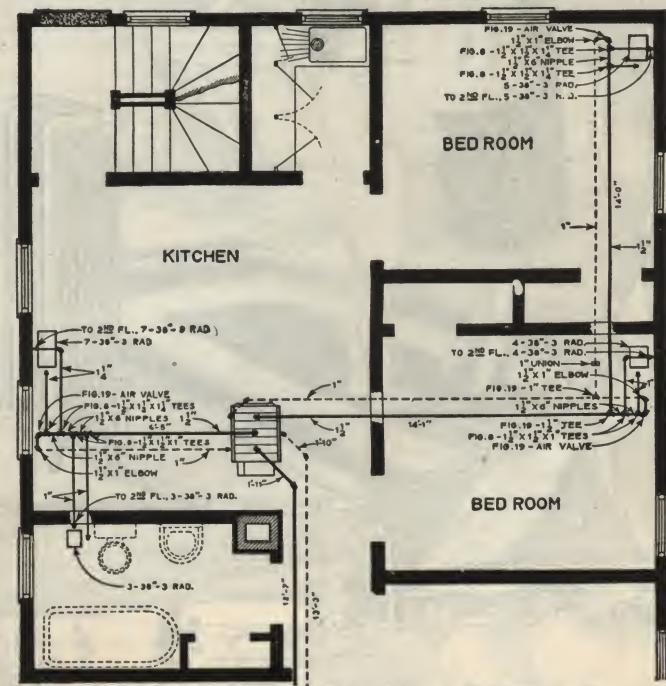
Their disadvantages are very great, due to added complications, special delicately balanced valves, etc., and the complexity of pipes and special devices which they require. It usually requires an expert to install and to operate them properly, and it is difficult to keep them working efficiently after they are installed.

From a practical standpoint the disadvantages of these special types of heating systems far outweigh their advantages.

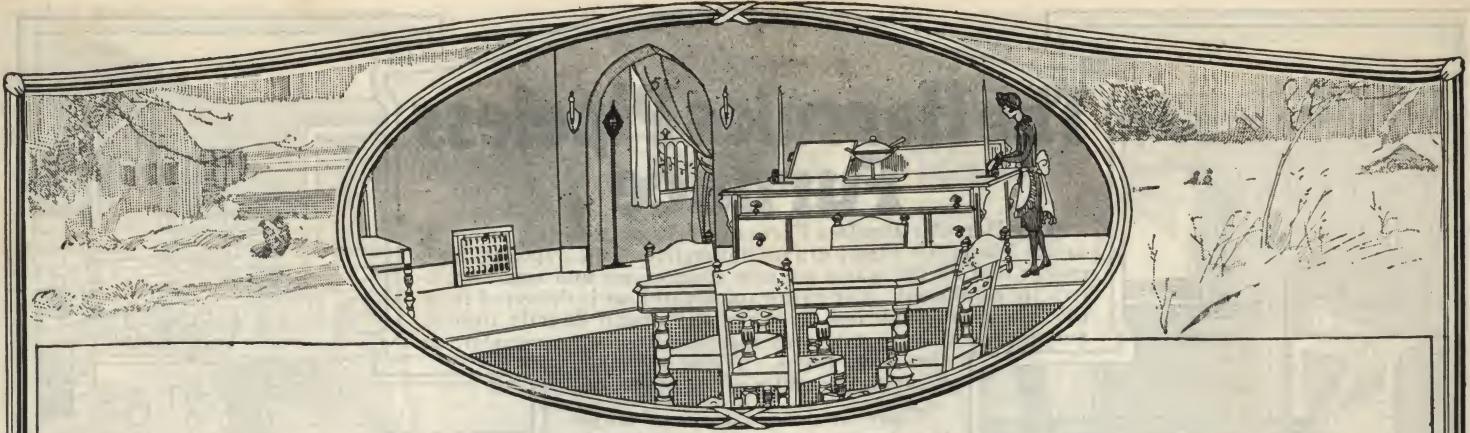
We have found, after our long experience, that for the ordinary residence the hot water heating system with a good relief valve to carry a little extra pressure on the water, the simple single pipe system of steam heating, the simple warm air heating system, or the pipeless furnace are the most practical and satisfactory systems to install.



Flange Unions are placed in the main pipes where they connect to the boiler on all our steam and hot water heating systems.



Part of the Plans Furnished With a Steam Heating Plant.
(Very Much Reduced in Size.)



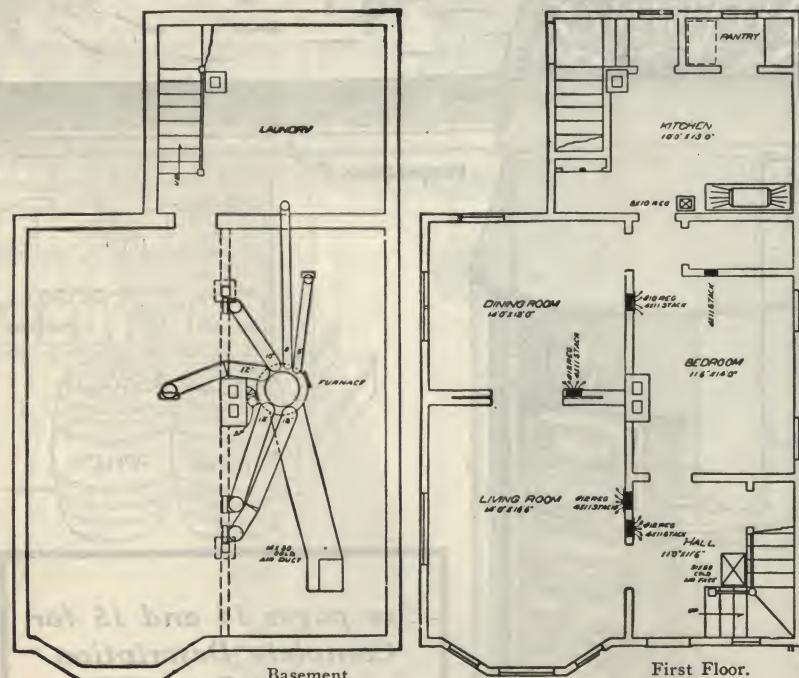
Full Plans and Instructions Sent With Every Heating System Which System Will I Install?

In the following pages we describe the working principle of each of these four practical types of heating systems, any of which we can furnish you. Any heating system we sell you is guaranteed to give satisfactory service.

A Hot Water Heating System has many decided advantages over other heating systems, but, of course, it costs more. It is economical in fuel, simple and easy to operate. It is without a doubt the most generally satisfactory system for home heating.

A Steam Heating Plant is most sensitive and gives a quicker response to firing, but it also cools off more quickly and is not quite as economical in fuel as hot water. A steam heating system costs less than hot water.

A Warm Air Heating System costs less than either steam or hot water. It has the advantage of giving you more space in your rooms, as you do not have to make room for radiators. It is not quite as dependable as a steam or hot water heating plant, however, when far off rooms are to be heated.



Two of the Working Plans Furnished With a Warm Air Heating Plant.
(Very Much Reduced in Size.)

The Pipeless Furnace is least expensive of all heating systems. It gives almost instantaneous response to firing; it is efficient and economical in fuel. Of course, you cannot get the absolutely even distribution of heating with it that you can with any of the other types, but it has proved so generally satisfactory that it has sprung into almost universal popularity in the last few years. Remember, any heating system we furnish you is backed by our strong guarantee.

Plans and Instructions Sent With Your Order.

Let Us Send You an Estimate.

We have enclosed with this catalog one of our special heating system information blanks. Fill it out carefully and return to us. Let us send you an estimate on a complete modern heating system. This will place you under no obligation to us whatever. We will gladly send you an estimate on whatever type of heating system you wish to install. Our prices are remarkably low.

Says Our Instructions Are "Plain as Day"

The following is typical of the letters we are constantly receiving from our satisfied customers:

Scofield, Mich.

Sears, Roebuck and Co.

Last winter I purchased a Hercules Steam Heating System from you and I am writing to tell you just what I think of it.

In the first place, the whole outfit, including covering for the furnace and pipes, cost just about one-half as much laid down here as I was quoted by a local manufacturer, with almost the same heating capacity and radiation.

The material, pipe fittings and furnace came in good condition. After studying over the rules and directions a little, everything was as plain as day, my neighbor and I succeeded in installing it so well that we never had a leak to contend with.

We are pleased with the furnace.

LEE PALMER

The Hercules Pipeless Furnace

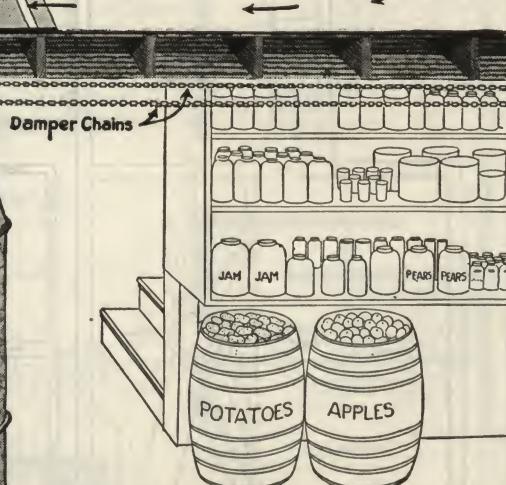
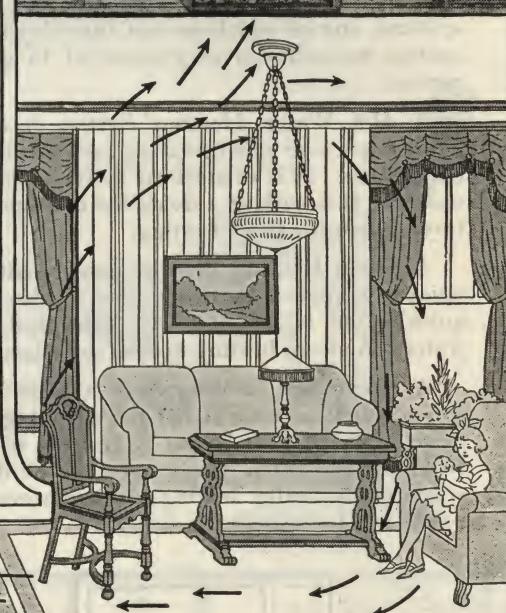
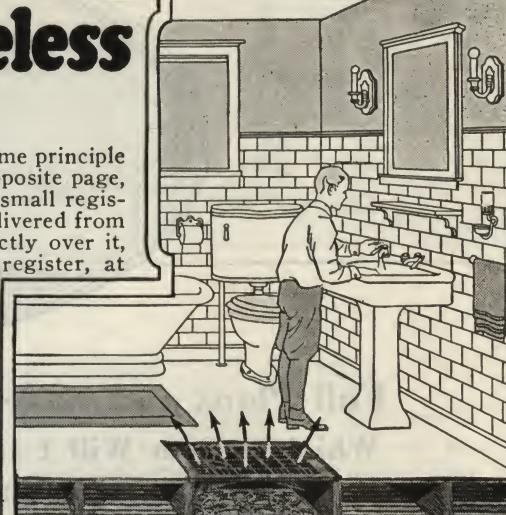
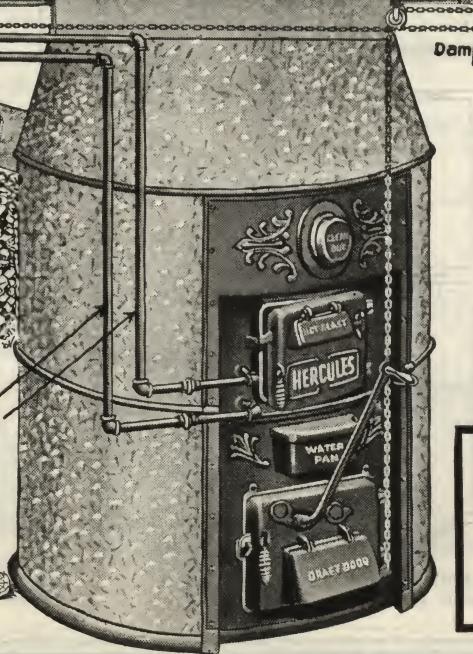
Our Hercules Pipeless Furnace works on the same principle as our Warm Air Pipe Furnace illustrated on the opposite page, except that all the warm air pipe connections and small registers are eliminated. The entire volume of heat is delivered from the furnace through one large register placed directly over it, and the cold air is taken in through this same register, at the outer edges. Warm air raises through the center of the register.

There are two chambers within the furnace casing, formed by the inner steel casing and canopy, which extend down to within about 18 inches of the floor. The cold air enters around the outer edges of the large register and drops down through the outer or cold air chamber. It then turns up into the inner warm air chamber where it becomes heated, passing over the hot surface of the furnace, and is discharged into the rooms above through the central part of the large register.

No Heat Lost in Basement.

Just observe that this furnace provides its own heat insulation. It is entirely encased in jacket of cold air, which is in constant circulation and which absorbs every unit of heat which might otherwise escape through the furnace casing, and it carries this heat right back into the heating chamber and up into your living rooms upstairs. That is why you get the full benefit out of every shovelful of coal you put into this furnace. There is no heat wasted. The warm air rising out of the large register above circulates to all parts of the building, delivering heat to every room in the house.

The heating efficiency in this type of pipeless furnace is greater than that in any other type of heating system now in use. The heating results obtained from this furnace are almost a revelation. It keeps the entire house warm and comfortable with a surprisingly small amount of fuel.



By placing our combination floor and ceiling registers, as listed on page 22 of this catalog, in the ceiling of the first floor rooms, the bedrooms, bathroom, etc., on the second floor will always be nice and warm.

See pages 14 and 15 for Complete Description and Prices.

Our HERCULES WARM AIR PIPE FURNACE

The illustration on this page shows clearly the principle on which our Hercules Warm Air Pipe Heating System works. The furnace proper consists of an efficiently designed heater enclosed in a sheet iron casing. The cold air is taken in at the bottom of this casing, and in passing over the hot surface of the furnace, it becomes much lighter than the colder air coming down through the cold air duct from the floor above, and this heavier cold air naturally forces the warm air up through the warm air pipes, which connect with the registers in the various rooms.

The pipes leading to the registers on the second floor are oblong in shape and are placed within the partition walls. These pipes are called wall stacks. An adjustable joint is furnished for each wall stack so that you can adjust each wall stack to the exact length required. This simplifies the installation very much and it is a special feature of our Hercules Warm Air Heating Systems. The pipes leading from the furnace in the basement are round tin pipes and are connected with adjustable elbows which can be set to any angle.

In the matter of better ventilation, in simplicity of installation and operation and low cost, the warm air furnace has many decided advantages.

Our Hercules Warm Air Pipe Furnaces, illustrated and described on pages 16 and 17, are of high quality, efficiently designed and well made in every way.

You Get Quick Results From Firing

One of the greatest advantages of a warm air furnace, aside from the matter of better ventilation, is the almost instantaneous results which it gives when the fire is started.

There is, of course, no great volume of water to be heated up and you get heating results in your rooms almost immediately after you throw in the coal. This is a decided advantage, especially when it is desired to get heat up quickly in the morning, or to provide a sudden drop in temperature.

Another advantage lies in the fact that there are no radiators to take up wall space in your rooms. You, therefore, have more room for the piano, chairs, beds or other furniture.

Efficient, Durable, Economical

Our Hercules Furnace, being made of cast iron throughout and having a heavy cast iron radiator, has the advantage, of course, of great durability, and with a reasonable amount of care this furnace will last as long as any building in which it is placed.

Where a furnace is subjected to hard service, as in real cold climates, and hard or soft coal or coke is used exclusively for fuel, this furnace is especially recommended.

ADJUSTABLE JOINT
FURNISHED FOR EACH
WALL PIPE

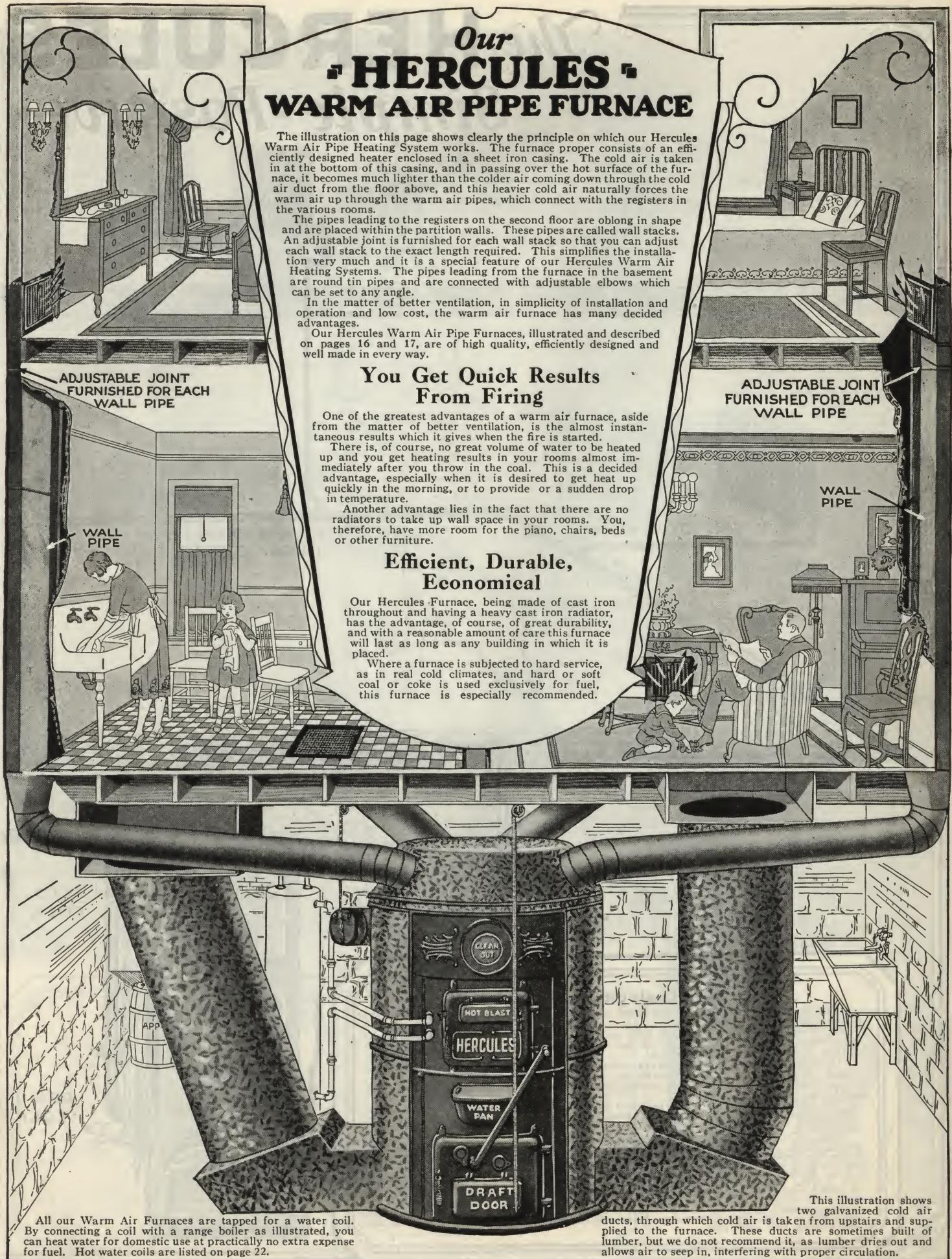
WALL
PIPE

ADJUSTABLE JOINT
FURNISHED FOR EACH
WALL PIPE

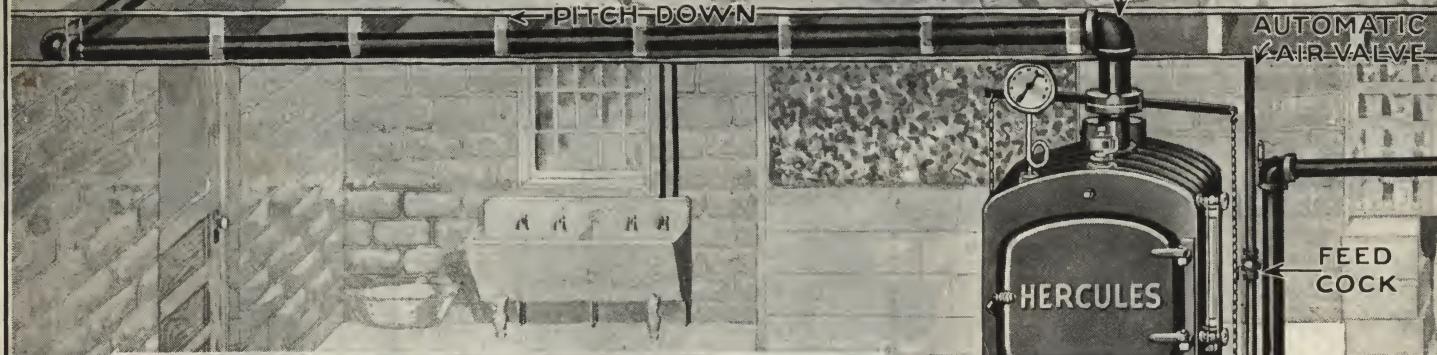
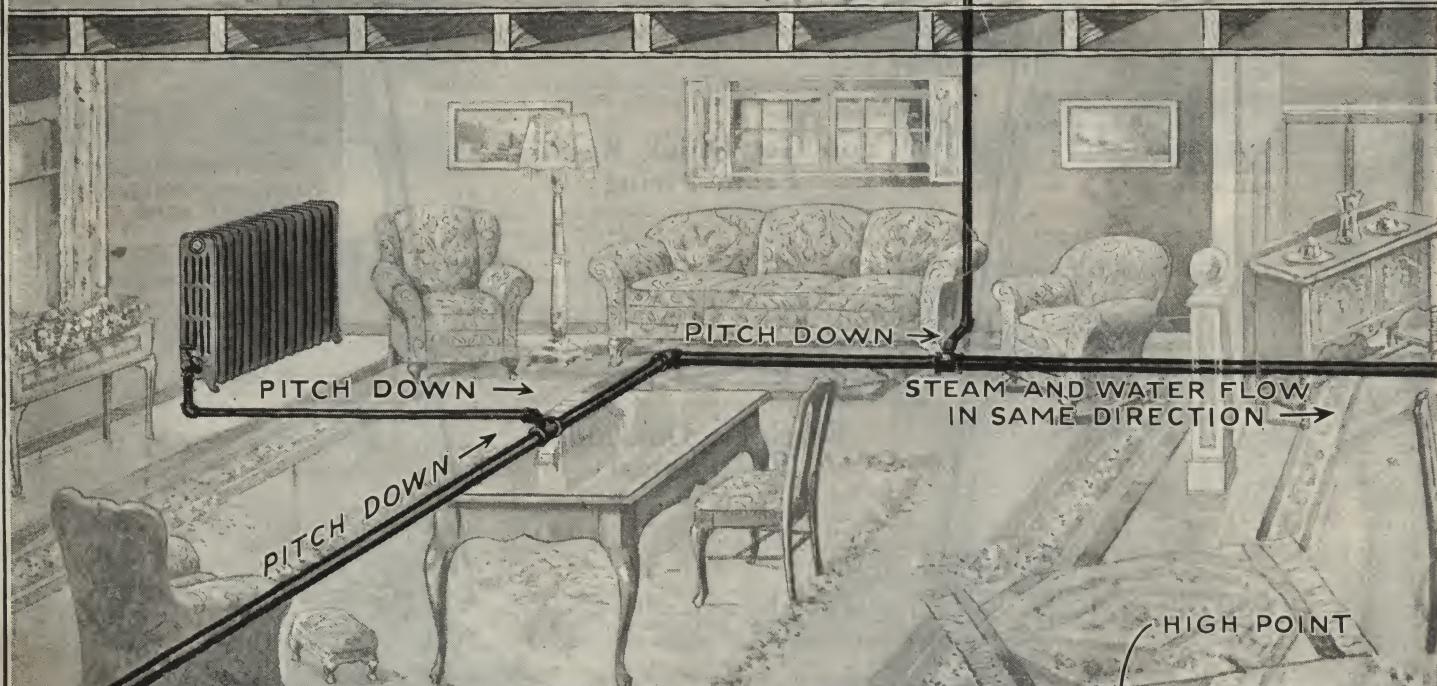
WALL
PIPE

All our Warm Air Furnaces are tapped for a water coil. By connecting a coil with a range boiler as illustrated, you can heat water for domestic use at practically no extra expense for fuel. Hot water coils are listed on page 22.

This illustration shows two galvanized cold air ducts, through which cold air is taken from upstairs and supplied to the furnace. These ducts are sometimes built of lumber, but we do not recommend it, as lumber dries out and allows air to seep in, interfering with proper circulation.



The HERCULES Simple~Positive~



Correct Engineering Principles

The illustrations on these pages show clearly how our Hercules Steam Heating System works.

To start the system, the water feed cock is opened and the boiler is filled to a point where the water shows about one-half way up in the gauge glass. The feed cock is then closed and the fire is started.

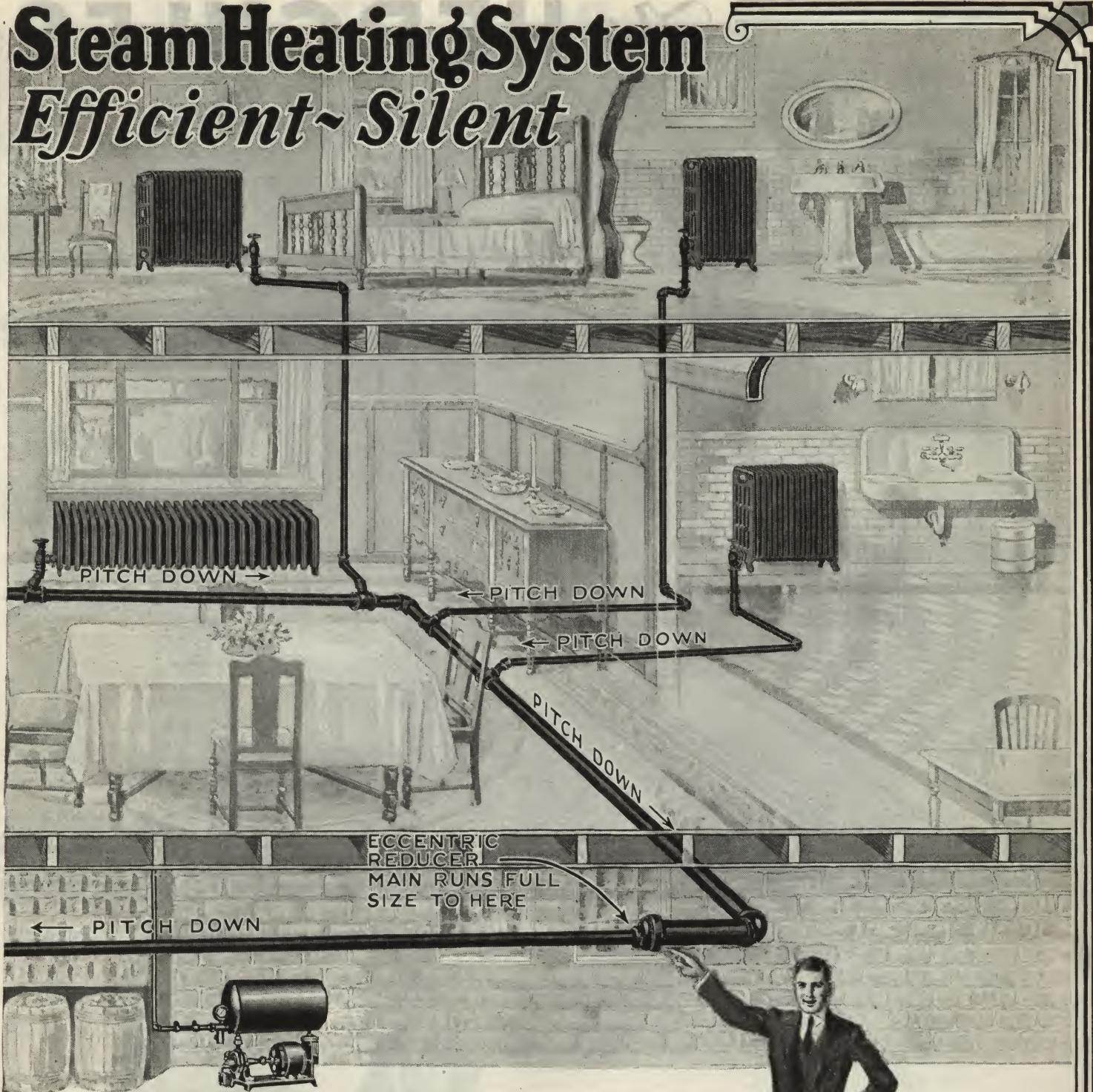
On each radiator and at the return end of the main pipe a small valve should be placed. This is known as an automatic air valve. It is so devised that it permits the escape of air from the system, but an expandable member closes the valve tight as soon as the hot steam strikes it.

The automatic air valves should be placed on the last section of the radiator and about midway between top and bottom, where a special tapping will be found in the radiator section for attaching the air valve. Never place the air valve at the top of the radiator on a steam heating plant.

When the water starts to boil, the steam, which is generated creates a pressure, of course, and this steam rises up into the main pipe, forcing the air ahead of it, and the automatic air valves being cold and open, the air escapes at the radiators. As soon as the steam has filled the system to such an extent that all the air has been driven out through the air valves and the hot steam strikes these valves, they close immediately. Of course, the steam condenses back to water when it strikes the cooling surface of the radiators, and if the above illustration is studied carefully it will be observed that the pipes are pitched in such a way that this water flows back to the main pipe and continues its course around back to the boiler, where it is boiled over again into steam, and this same process is repeated over and over. There is no water wasted except what little escapes by evaporation in the form of steam through the air valves before they close tight.

Steam Heating System

Efficient - Silent



Main Pipe Is Not Reduced in Size Until All Radiator Connections Are Taken Off

The basic principles embodied in the piping system illustrated above are carried out in all of our Hercules Steam Heating Systems.

We call your particular attention to the fact that in this system the water in the large main pipe travels in the same direction as the steam.

The large main is carried around the basement full size until the last radiator connection has been taken off, and the smaller sized water return pipe, which carries the water of condensation back to the boiler, is connected to the large main pipe with an eccentric reducer, so that complete drainage is assured. The result of all this is a smooth working system, free from noise and water hammering and perfect circulation to all the radiators.

We feel confident that the great success of our Hercules Heating Systems is largely due to the close attention given to detail and the thoroughness with which they are designed. Every detail is carefully planned to insure a perfect and smooth working system.

City Water Not Necessary

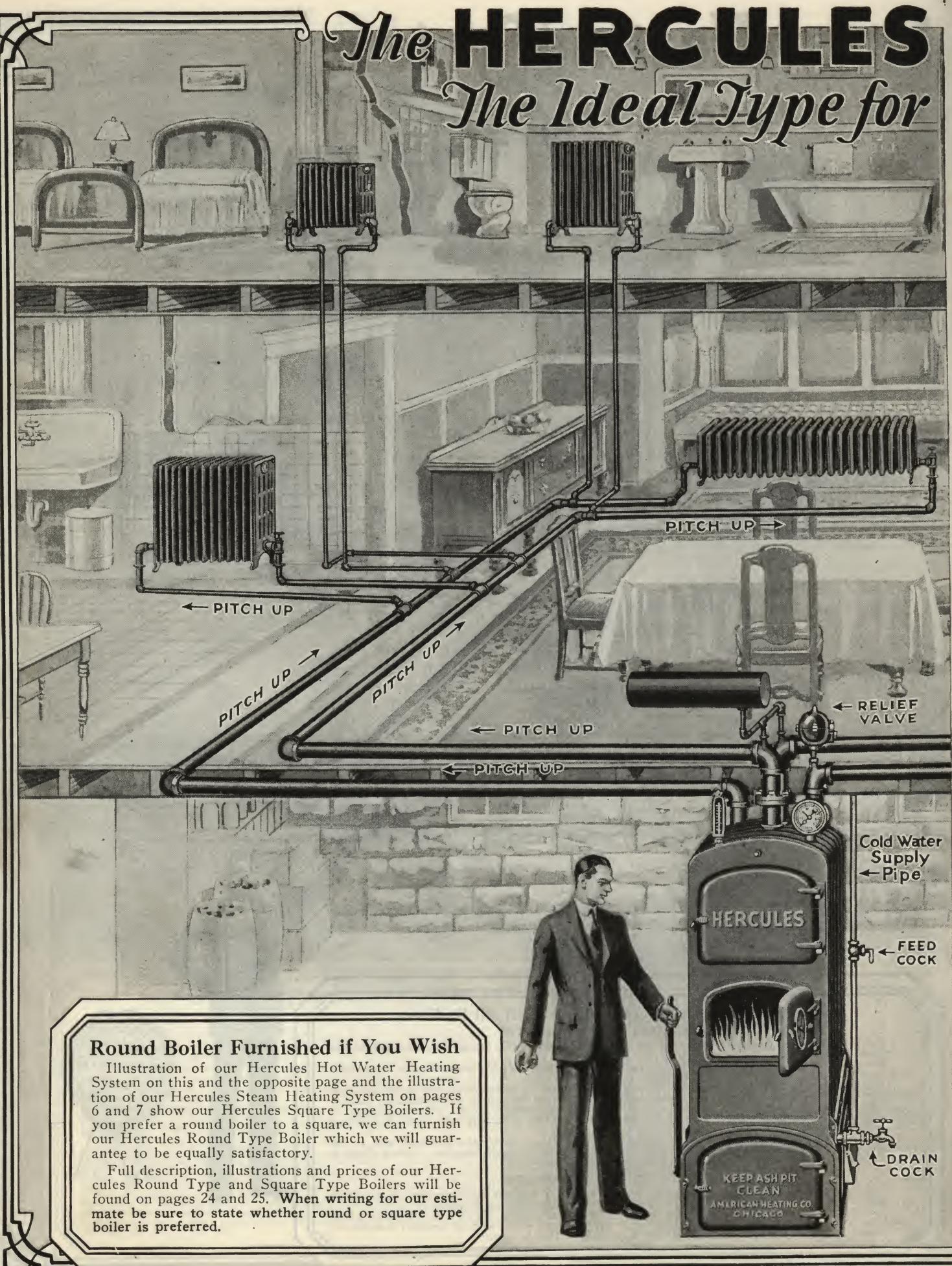
You do not necessarily have to have city water pressure, or a water supply system of any kind, to enjoy the benefits of either our Hercules Steam or Hot Water Heating Systems.

You can very easily feed water to the boiler by letting the steam pressure go down for a few minutes, and by unscrewing the brass safety valve you can add water with an ordinary bucket and funnel. A little water added once or twice a week is all that is required.



The HERCULES

The Ideal Type for



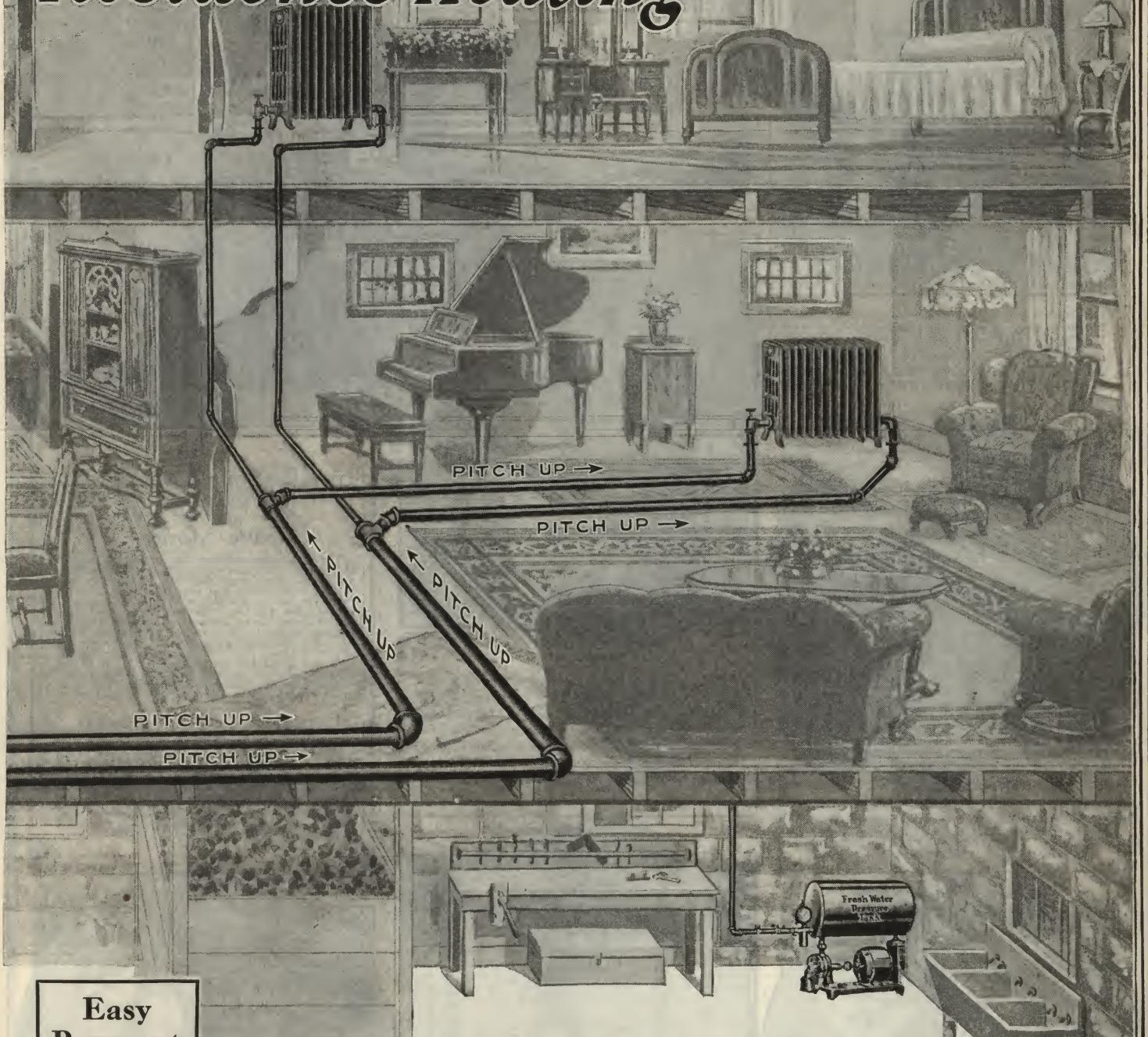
Round Boiler Furnished if You Wish

Illustration of our Hercules Hot Water Heating System on this and the opposite page and the illustration of our Hercules Steam Heating System on pages 6 and 7 show our Hercules Square Type Boilers. If you prefer a round boiler to a square, we can furnish our Hercules Round Type Boiler which we will guarantee to be equally satisfactory.

Full description, illustrations and prices of our Hercules Round Type and Square Type Boilers will be found on pages 24 and 25. When writing for our estimate be sure to state whether round or square type boiler is preferred.

Hot Water Heating System

Residence Heating



**Easy
Payment
Terms on
Complete
Heating
Systems.
See
Page 52**

Hot Water Circulates to Every Radiator

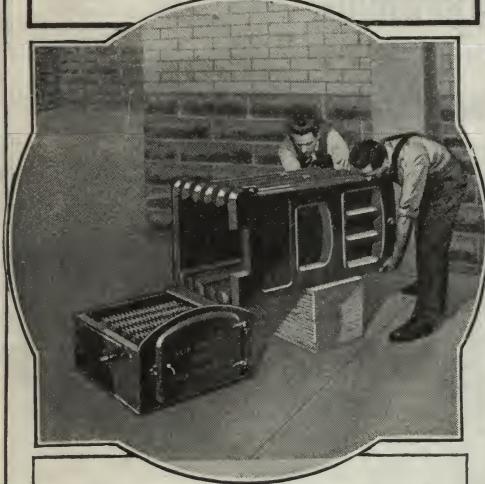
When the fire is started, the water in the boiler becomes heated. Hot water is lighter than cold water and, of course, immediately goes up to the top of the boiler and continues its course upward and out through the main pipes until it reaches the radiators, where it gives off its heat, and when it cools off it gets heavy again and drops down to the bottom of the radiator, and goes out the opposite end of the radiator through the return pipe, continuing its course back down to the boiler, where it is heated again and rises back to the radiators. This process goes on continuously as long as there is any fire burning in the boiler. The water, it will be observed, simply serves as a heat carrier. It absorbs heat from the fire, carries it to the radiators, and as soon as it has delivered its heat, it immediately starts back to the boiler for more, repeating the process over and over.

It will be noticed that there is no water wasted. The same water is used over and over, and the only possible loss is the slight amount which escapes through the Relief Valve when the water becomes overheated. After the system is once filled, you will only need to add a few bucketfuls in the course of an entire season.

Hercules Systems



Here is another big reason why our customers find it so easy to install our Hercules Steam and Hot Water Heating Systems. The large main pipes are all ready cut to fit and threaded to correspond with the working plans. All you have to do is to screw them together with a pipe wrench.



By laying the body of the boiler across two boxes in the correct position, as illustrated above, a man and a boy can easily lift it upright into position on the base.



After the boiler is set up, the holes should be bored through the floor for the pipes leading to radiators. Then when you are connecting the mains you can tell just exactly where to place the tees. Our plans and instructions explain clearly just where to place tees and how to connect all pipes.

Any Handy Man Can Easily Install Any of Our Heating Systems by Following Our Simple Plans and Instructions.



After the main pipes are in position, you can extend the branch pipes for the radiators. These should be cut to the correct length and threaded so that the elbow will turn up exactly under the hole which you have bored through the floor to connect with the radiator above. Branch pipes leading to radiators should pitch downward toward mains about 1 inch in 10 feet.



Bore the holes for the second floor radiators first. Then by dropping a plumb line you can tell just exactly where to bore through the first floor so that the upright pipes stand true and straight. Our plans indicate clearly the correct size and position for all upright pipes.



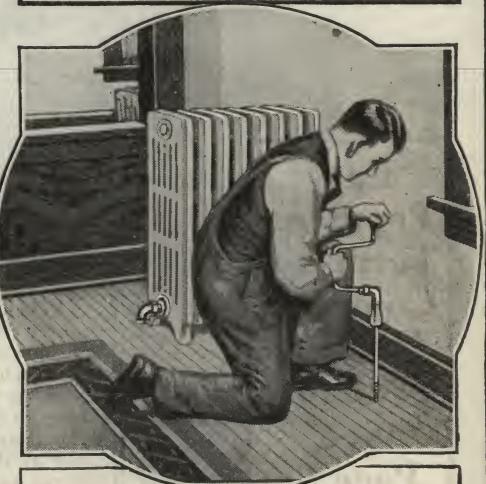
Install Your Own Heating System and Save Money

The great majority of our customers install their own heating systems. It is not nearly as difficult as most people imagine. It is really surprising how simple and easy the work becomes after the job is started. "Irresistibly interesting" is the way one customer put it when telling us about his experience in installing his own heating system. It amounts to nothing more than a little substantial exercise, and after the job is finished you will feel the better for it. One man and a boy can easily install any of our Hercules Heating Systems in a surprisingly short time. The big saving you can make well warrants your looking after the work yourself.

Experience Not Necessary

If you do not care to do the work, you should not have much difficulty in locating some handy man in your locality who is willing to do the work for you at a reasonable working wage.

It does not require an experienced plumber or steamfitter by any means. Any man who can cut and thread ordinary iron pipe and who has a little mechanical ability can easily do this work by following our simple plans and instructions.



To bore holes for first floor radiators tighten up the radiator valve and the union elbow into the radiator. Place radiator in exact position wanted. Now mark exact center point under valve and elbow. Push radiator aside and bore through. By following this plan, the pipes will come up through floor exactly in right position to connect with radiator.

Easily Installed



Our Plans and Instructions Make It Easy

Our plans are drawn up in a simple manner so that you can easily understand them. In addition to our blueprint plans furnished with each heating system we send you a complete heating instruction book in which we start right at the beginning and carry you through the entire job. Everything is explained in detail with numerous actual photographs showing every stage of the work so that anyone, even without previous experience can easily understand just how all of the various parts are assembled. Our long experience has enabled us to anticipate the possible difficulties and eliminate them.

We have systematized the work so well and simplified our Hercules Heating Systems to such an extent that it is almost like putting up a stove.

We Cut and Thread the Large Pipes

We cut and thread all the larger main pipes and all you have to do is screw them together as indicated on our plans. The only pipes you need to cut and thread are the small branch pipes and upright pipes leading to the radiators.



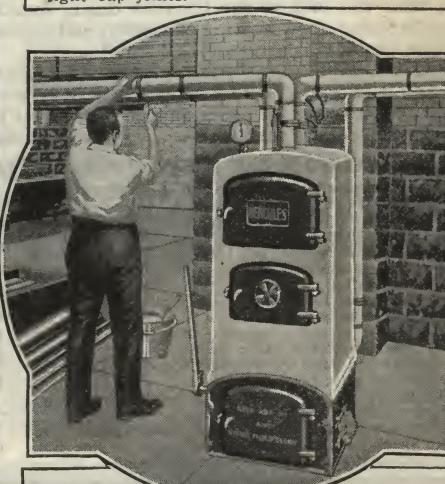
Simple as it is to install our Hercules Steam and Hot Water Heating Systems, it is even simpler to install our Pipe or Pipeless Warm Air Furnaces. It is really easier than assembling a stove, because the parts are lighter and easier handled. Our furnace castings are made from accurate patterns and the parts fit so nicely that it is a pleasure to assemble them.



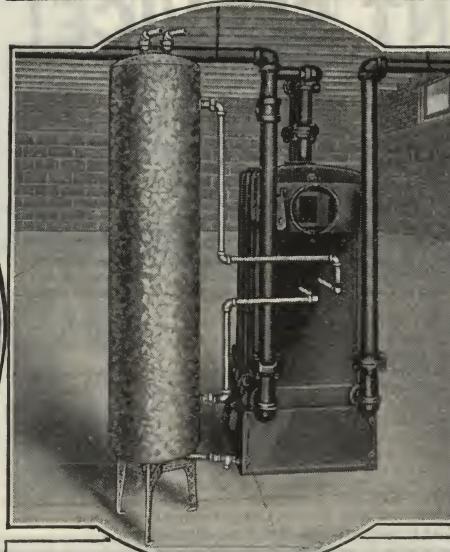
On all of our complete Hercules Warm Air Heating Systems we cut out the openings in the bonnet or top of the furnace for you, and we set in the collars ready to connect the pipes exactly according to our plans and instructions.



Notice how the fire pots of all our furnaces are made in two parts. This allows separate expansion and contraction of the upper and lower parts and prevents cracking. They are connected by deep tongue and groove gas-tight cup joints.



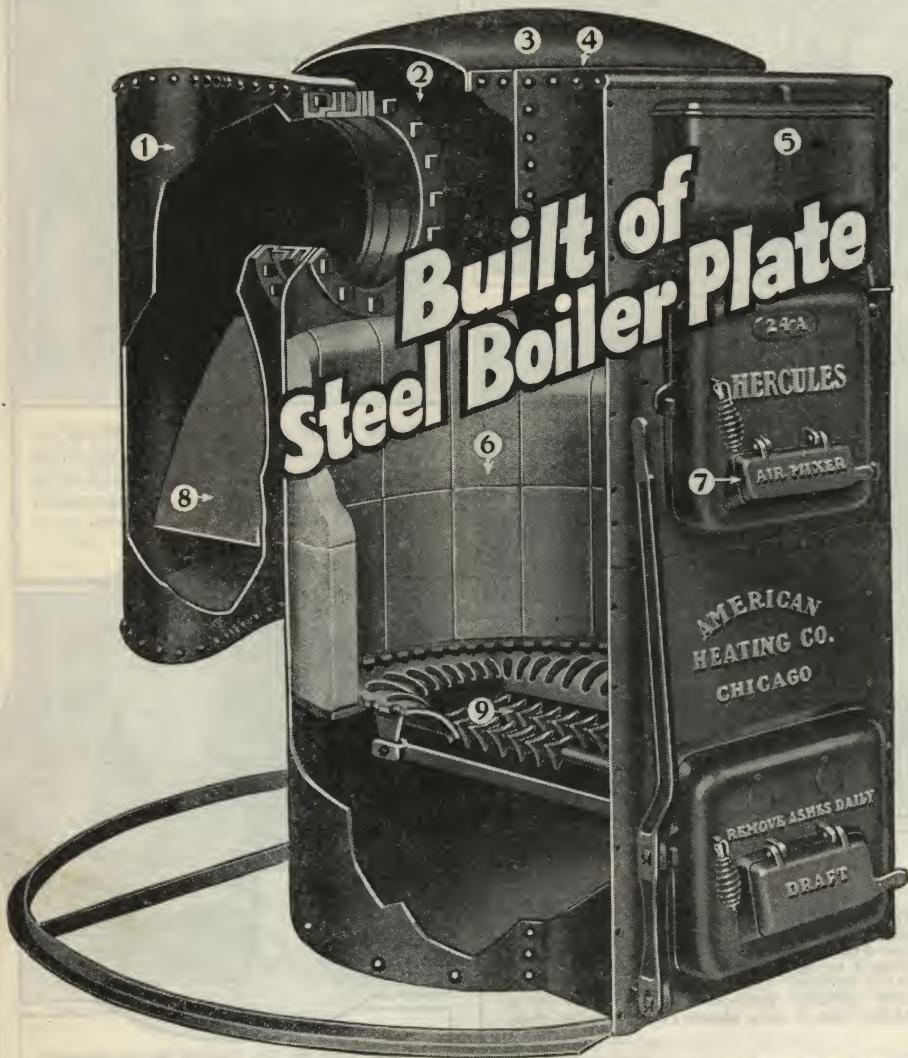
It will really surprise you what a big saving you will make in your fuel bill if you cover your boiler and all exposed pipes in your basement. The covering pays for itself in one or two seasons. We quote our heating systems with and without covering, but strongly recommend that covering be used. The work is easy and so interesting that it is really a pleasure.



This illustrates the method of connecting range boiler with hot water coil as illustrated in our square type boiler.

Illustrations on this and the opposite page are from our heating instruction books, showing how every step of an installation is clearly explained.

✓CLEANER Heat ✓CHEAPER



FOR PERMANENT SERVICE!

In Hercules Steel Boiler Plate Furnaces the first cost is the final cost! Here is a heating unit that will endure the heaviest duties indefinitely, carrying on down through the years with the same great heating efficiency, and seldom if ever, needing repairs. Think of it! Your heating problem is solved for all time!

It is all in the way the Hercules is made! When you know the Hercules construction you'll see why it gives permanent service, why it is practically everlasting. Its specifications reveal quality such as few furnaces anywhere near its price have ever had before! Here, as everywhere when dollars are involved, it pays to know the facts. Here they are:

Points of Superiority That Mean Value!

The Hercules is built up to a public service standard—never down to commercial competition! The ideal of its designers was a furnace that would not wear out, and one that would deliver the maximum heating power per pound of fuel. That meant imperishable materials—and the answer was steel, boiler plate steel, the kind that defies destruction. Consider these superior features:

- 1—Radiator is made of 12-gauge copper fused steel and is unusually large, giving a correspondingly large heating capacity.
 - 2—Smoke collar has 1 1/2-inch lap joints and flanges, sealed with asbestos gaskets.
 - 3—Correctly rounded heavy steel head, 7-gauge blue annealed boiler plate steel.
 - 4—The welded and riveted seams are permanently smoke and gastight.
 - 5—Large cast iron water pan, 3-gallon capacity, insures adequate humidity.
 - 6—Fire pot is lined with a double row of protecting fire brick of the same quality used to line hot blast and open hearth furnaces in steel mills.
- 7—Air mixing smoke consumer sprays preheated air over the fire bed, providing better combustion and saving fuel.
- 8—Baffle plate in radiator insures a long fire travel and gives the Hercules still greater heating efficiency.
- 9—Grates are heavily built, revolving, basket type with triangular grate bars in center, suitable for any kind of fuel, hard or soft.
- The furnace bottom is riveted in, preventing ash dust from leaking into the casing.
- Deep ash pit provides large volume of air for combustion, and permits easy removal of ashes.
- The fronts are full cast iron, aluminized.

✓CHECK THESE POINTS

ABSOLUTELY GAS AND SMOKE TIGHT

✓Forever trouble-free in this respect! There's no crevice or cranny through which gas could escape, and there never will be! Every seam is generously lapped, cold riveted, and electric arc welded. Smoke, gases, and fumes can never force a passage through these seams. They're permanently sealed!

BETTER COMBUSTION MEANS LOWER FUEL CONSUMPTION

✓The combustion chamber is large and correctly proportioned for greatest operating efficiency. Preheated air, sprayed over fire bed helps consume all the volatile gases in the smoke, turning into heat units what other furnaces often waste. This means more heat per pound of fuel, lower cost per hour of heating.

HUMIDITY IS NECESSARY TO HEALTH

✓Dry heat attacks health. Grown-ups, and especially children, need a certain amount of moisture in the air. The Hercules has a large size water pan, placed where the heat evaporates from three to twelve gallons of water a day. The health of your entire family is carefully guarded from excessive dryness.

BUILT LIKE A BATTLESHIP

✓The non-porous 7-gauge Boiler Plate Steel body is sealed at the seams with 1/8-inch rivets driven cold under 60,000 pounds pressure! Electric arc welding makes joints permanent, and air tight. Lap joints, 1 1/2-inches wide. Furnace bottom is also riveted in. Large radiator is of 12-gauge copper-bearing steel.

Use Our Consulting Service

Our heating engineers will gladly plan a furnace installation exactly suited to your particular needs. Send us a rough sketch showing arrangement and size of rooms, location of doors, windows, etc. We will promptly mail you our estimate for the complete system, ready to install. This service is absolutely free.

EASY TO INSTALL

Two men, or a man and a boy can easily install the Hercules Steel Furnace. We send instructions with every furnace sold, which makes everything clear and simple. You save still more by doing the job yourself!

New HERCULES STEEL

Heat ✓ HEALTHIER Heat

Warm Air Pipe Furnace

The Hercules Steel Furnace housed in a Pipe Furnace casing is perhaps the ideal heating plant, everything considered. The matchless quality, the almost incomparable durability which features the inner construction (see opposite page) are here combined with all the advantages of the pipe system of heating homes.

Whatever your heating requirements, whether your home is large or small, single or two-story, the Hercules is very able to serve you, and to serve you better than most! And don't forget—you'll never need to buy another heating plant once the Hercules is installed! All-time satisfaction is yours.

The straight surfaces of the furnace assist circulation of air through the casing, and scientifically correct proportions insure maximum heating capacity. Casings are separated by a uniform 1-inch air space, giving perfect insulation, which prevents loss of heat into the basement. The square-inch pipe area ratings listed below are in accordance with the code of the National Warm Air Heating Association.

The largest size pipe furnace, 42DM3951 $\frac{1}{2}$, listed below, is suitable for large homes, churches, schoolhouses and other buildings of more than average size. It has a large drum, 64 inches high, with a heavy duty radiator, 48 inches high and 20 $\frac{1}{2}$ inches wide.

Hercules Steel Furnaces are ideal for use with oil burners. With deep combustion chambers, permanently smoke and gastight, they are exceptionally well adapted for oil heating.

Prices quoted below include furnace complete with casing, check draft, poker, shaker handle, draft regulating dial with chain. Warm air pipe, registers, smoke pipe, etc., are not included. These furnaces take 9-inch smoke pipe, except No. 42DM3951 $\frac{1}{2}$, which takes 10-inch. For smoke pipe, etc., see page 22.

Prices of Hercules Steel Warm Air Pipe Furnaces

Shipped by freight from CENTRAL OHIO, Not Prepaid.

Catalog No.	Diam. of Drum, Inches	Diam. of Grate, Inches	Capacity Pipe Area, Sq. Inches	Diam. of Casing, Inches	Height of Casing, Inches	Shpg. Wt., Lbs.	Cash Price
42DM3945 $\frac{1}{2}$	20	17	412	43	68	1,040	\$ 90.95
42DM3946 $\frac{1}{2}$	22	19	495	46	68	1,150	98.00
42DM3947 $\frac{1}{2}$	24	21	570	48	68	1,260	108.00
42DM3948 $\frac{1}{2}$	26	23	660	51	68	1,325	118.50
42DM3949 $\frac{1}{2}$	30	27	945	55	68	1,480	142.50
42DM3950 $\frac{1}{2}$	34	31	1,170	61	68	1,600	173.50
42DM3951 $\frac{1}{2}$	34	31	1,200	72	76	2,100	224.50

For Easy Payment Prices See Page 52



**\$90.95
And Up
CASH**

**EASY
TERMS**

We Do Not Pay Freight

**\$116.75
And Up
CASH**

**FREE
ESTIMATES**

**AS LOW AS
\$10.00
DOWN
\$10.00
A MONTH**



Steel Pipeless Furnace

Just the model for the average home! Exactly the same Hercules Steel Furnace shown on the opposite page, furnished in the Pipeless model. Especially right for compact homes, regular in shape, and with large openings between rooms.

The Hercules flawless steel radiator delivers heat directly through the register. Quick heat is easy in this model. The room above the furnace gets the heat first—in a short time the whole house is comfortable. And owners who were once stove users declare that they now save fuel and heat more rooms than before! These people—and there are hundreds of them—know that the Hercules Steel Pipeless Furnace will pay for itself within a few seasons in fuel savings. That's worth knowing! You can get a time-defying furnace, far advanced in value, pay for it in cash or Easy Time Payments and expect it to pay for itself by its own economical operation!

Casings are of 28-gauge selected galvanized metal, with 1-inch air space insulation. We furnish complete instructions for installing.

Prices below include furnace complete with casings, floor register, shaker handle, poker, check draft and regulating dial with chain. Smoke pipe and smoke damper not included; see page 22 for prices. Use 9-inch smoke pipe. Furnace is adapted for any height of basement from 6 to 8 feet, measured from floor to floor.

Hercules heat is healthful heat! Your family doctor will tell you that dry heat is injurious to the skin and the delicate linings of the nose and throat, leading quickly to colds and other minor ills. The unusually large cast iron water pan used on these furnaces insures a healthful percentage of moisture in the air.

Steel furnaces are ideal for use with oil burners, owing to the deep combustion chambers and air-tight construction.

Prices of Hercules Steel Pipeless Furnaces

Shipped by freight from CENTRAL OHIO, Not Prepaid.

Catalog No.	Diam. of Drum, Inches	Diam. of Grate, Inches	Heating Cap., Cubic Feet	Diam. Inner Casing, Inches	Diam. Outer Casing, Inches	Shpg. Wt., Lbs.	Cash Price
42DM3911 $\frac{3}{4}$	20	17	12,000	40	46	1,215	\$ 116.75
42DM3935 $\frac{1}{2}$	22	19	21,000	42	49 $\frac{1}{2}$	1,323	124.60
42DM3936 $\frac{1}{2}$	24	21	26,000	44	51 $\frac{1}{2}$	1,425	136.75
42DM3937 $\frac{1}{2}$	26	23	28,000	47	53	1,500	151.50
42DM3938 $\frac{1}{2}$	30	27	35,000	53	62	1,700	187.00

FOR EASY PAYMENT PRICES SEE PAGE 52

FURNACES on EASY TERMS

"Yes sir! HERCULES is 15 ★ FEATURES

**WE SAVE
YOU MONEY**



1 ★—Largest radiator per rated size of any furnace made. This means fuel economy.

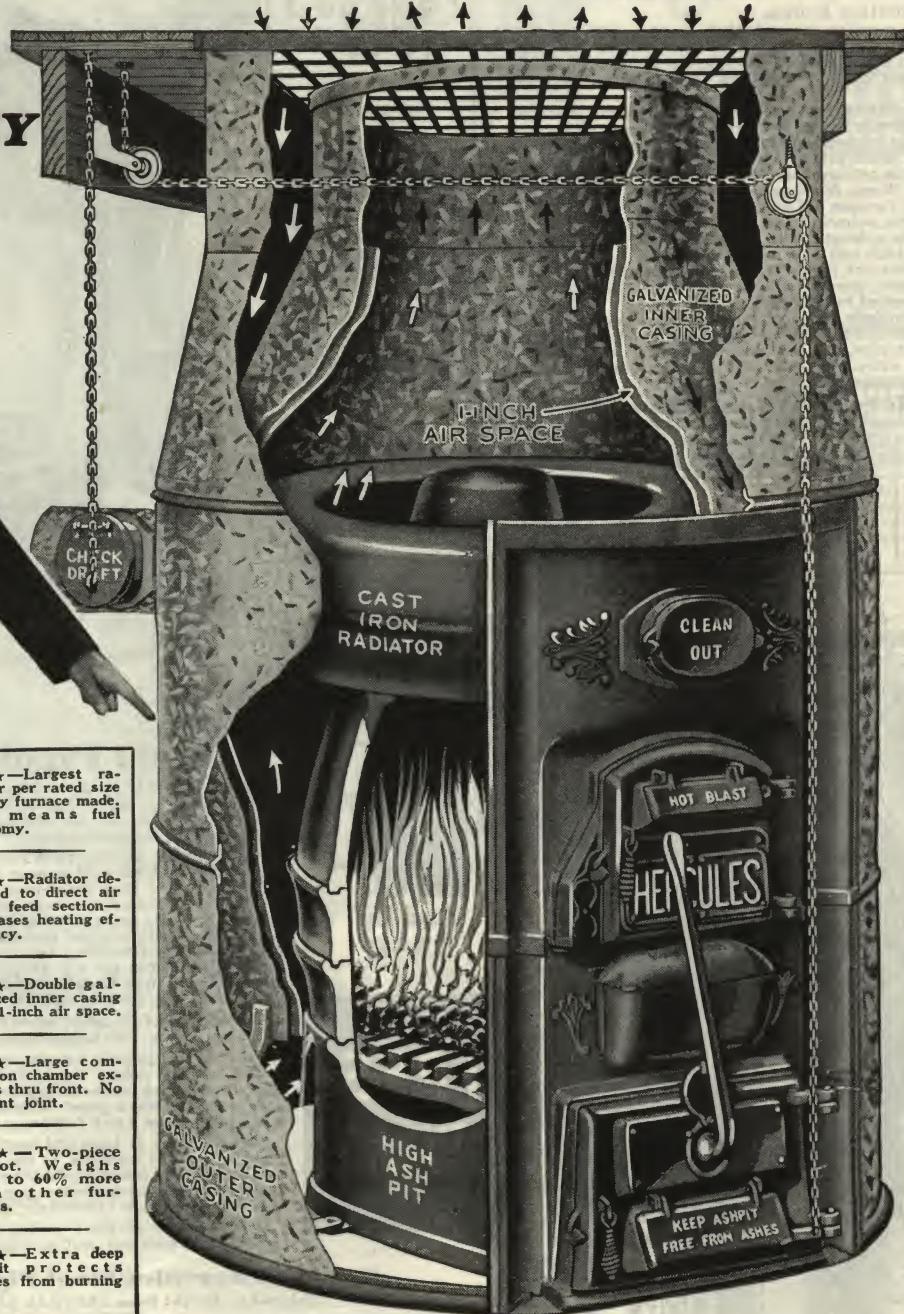
2 ★—Radiator designed to direct air over feed section—increases heating efficiency.

3 ★—Double galvanized inner casing with 1-inch air space.

4 ★—Large combustion chamber extends thru front. No cement joint.

5 ★—Two-piece firepot. Weighs 25% to 60% more than other furnaces.

6 ★—Extra deep ashpit protects grates from burning out.



7 ★—Base in one piece. Easier to erect. Dustproof.

8 ★—The heavy cast iron register, oxidized copper finish, will never warp.

9 ★—Substantial galvanized casings made from first quality sheets. Inner casing has extra galvanized lining and air space to prevent heat going through to return air chamber. Goes together in sections with dustproof joints. Positive protection against dust in your rooms.

10 ★—Upper front slips into place. No cementing, removing forever, any gas or dust leakage. A exclusive feature.

11 ★—Clean-out cap—outside heat chamber. You can clean the Hercules furnace easily and with no chance of soot or dirt falling into the warm air chamber.

12 ★—Large feed door will take wood or coal. Ground edges on door and feed section insure perfect fitting. Coil openings for domestic hot water supply.

13 ★—The exclusive Hercules smoke consumer eliminates black smoke even with cheap soft coal. Prevents soot deposit in the radiator or smoke pipe. Means lower fuel bills.

14 ★—Keep your air moist with this water container. Extra large capacity. More moisture with less attention. Easier to care for. Keeps your rooms comfortable with less fuel.

15 ★—Ashpit door opens full. Easy removal of ashes. Draft door at bottom to get proper distribution of air. Doors and frame are ground to fit perfectly.

PAYMENTS AS LOW AS

\$ 6⁰⁰ \$ 6⁰⁰
DOWN A MONTH

PRICED
AS LOW
AS

\$ 58⁷⁵
58-
CASH

the only PIPELESS FURNACE with all these advantages!"

You've always wanted a furnace—now, haven't you? Perhaps you had decided it was a 'later on' proposition. It isn't!!! Perhaps you thought you couldn't afford one. You can! Today, right now, a fine furnace is within your grasp. Today you can buy a Hercules weather-maker Furnace in just the model you need, at just the price you can afford, with the additional advantage of Easy Payments!

Big Fuel Savers

Whether you buy a Hercules or not you'll pay for it. One-time stove users often tell us how they've cut their fuel bills after installing a Hercules. There's nothing unusual in that. The comparatively small amount of money which buys a Hercules would hardly begin to pay for its equal elsewhere! That is unusual! It is of special interest to you to know that the Hercules is by long odds the choice in its quality range! You deserve the savings Hercules can bring you! You have a right to expect the utmost in quality for every dollar that you spend! And if you demand them, though you search the furnace market exhaustively—we'll wager that you'll choose the Hercules on its merit and money-saving price. And here's why:

Hercules Is Made to Heat Your Home

The three prime essentials of all fine furnaces—abundant heat production, controlled heat, and fuel economy are all present in this superfine Hercules. It is built to do one job—heat your home—and to do that easily, thriflly and healthily. And it will! Designed by heating engineers of the highest rating, built by workmen without superiors in their craft, made in a great modern factory by up to the minute manufacturing methods, and backed by the World's Largest Store—no wonder the Hercules lives up to a high quality standard! It is our firm conviction that no furnace sold elsewhere for anywhere near its price can equal the Hercules for genuine heating efficiency and dependable service.

Check These Quality Features!

Hercules Furnaces are made of only the finest materials and according to the most approved engineering principles. They are airproof, fumeproof and dustproof. Fire pot is made in two parts to prevent cracking. Deep grooved joints fit perfectly and are cemented to make them leakproof. Double galvanized inner casing with 1-inch air space insulation prevents loss of heat. Casings are full size, with adjustable screw drawbands which simplify the assembling of furnace. All doors and working parts are machine ground to a perfect fit. Removable cleanout cap above fire door for readily cleaning the radiator. Easily assembled and installed by following our completely illustrated instruction booklet. Burns hard coal, soft coal, wood or coke. Be sure to read the features described in the right hand column.

Speaking About Weight—

The distribution or placement of the weight in a warm air furnace is of great importance. Heavy doors—fronts—bottoms—ash-pits, etc., build up a high total but do not mean anything, since they are not subjected to any strain where weight would be of material benefit. But the weight of the fundamental castings, namely, the grate bars, firepots, feed sections, and radiators are of the utmost importance. Here weight is a definite advantage in length of service. Few furnaces, comparing size with size, can equal the Hercules in the weights of essential castings. In fact the Hercules is far heavier where weight counts than even vastly more expensive furnaces sold elsewhere! That's why the Hercules can outdo these so-called better furnaces in season after season of actual service, and outlast them, too. Here are the weights of the essential parts of a Hercules furnace with 22-inch fire pot, which is an average residence size. Try to match them elsewhere!

Triangular Grates.....	91 pounds
Lower Fire Pot.....	60 pounds
Upper Fire Pot.....	78 pounds
Feed Section.....	152 pounds
Radiator.....	284 pounds
Total Weight of Vital Parts.....	665 pounds
Total Weight of Complete Furnace.....	1400 pounds

Size of Furnace to Order!

In the table below we show the size house (number of rooms) each size furnace will comfortably heat. If you live in a very cold climate, or if you have exceptionally large rooms, or your house is unusually hard to heat, we would recommend ordering a furnace one size larger. If you prefer, we will estimate the size furnace you require for your building. This service is absolutely free. Write for our Special Heating Information Blank.

LOOK AT THESE PRICES!

NOW! \$50 to \$75 Savings Guaranteed!

Prices are for furnace complete, with floor register, casing, shaker handle, poker, check draft, damper regulating dial with chain and pulleys, and cement. Furnace is adapted for basements 6 to 8 feet in height. Extensions for higher basements furnished at extra charge. Smoke pipe or smoke damper not included in prices. See page 22 for prices. Shipped from factory in CENTRAL NEW YORK or EASTERN OHIO. Not Prepaid.

When ordering on Easy Payments, Use Time Payment Order Blank Enclosed.

Catalog No.	Heat, No. of Rooms	Will Price	Time Payment Price	Terms		Diam. of	Diam. of Outer Casing, Inches	Shpg. Wt., Lbs.
				Down	Month	Fire Pot, Pipe, Casing, Inches		
42DM3899 1/2	4 to 5	\$ 58.75	\$ 64.25	\$ 6.00	\$ 6.00	18 8 42	1.050	
42DM3900 1/2	5 to 6	73.50	81.00	8.00	8.00	20 8 46	1.240	
42DM3901 1/2	6 to 7	86.50	95.00	9.00	9.00	22 8 50	1.400	
42DM3902 1/2	7 to 8	102.25	113.25	12.00	10.00	24 8 54	1.600	
42DM3903 1/2	8 to 10	115.00	126.00	12.00	10.00	26 9 60	1.950	



LOOK AT THIS RADIATOR!

WHERE size and weight count the most! The radiator on the 18-inch Hercules is larger and heavier than is usually found on 20-inch furnaces sold elsewhere! Heating engineers agree that this feature alone greatly increases Hercules' heating capacity. No furnace made can compare with the Hercules in this respect!



IMPROVED HOT BLAST PRINCIPLE

A FUEL saver par excellence! Takes all the heat from the fuel—consumes the combustible gases in smoke which often escape unburnt from furnaces not equipped with our Hot Blast smoke consumer. It turns black smoke into heat units. An exclusive economy feature found only on furnaces costing much more elsewhere!



HEAVY 2-PIECE FIRE POTS

HERE again, weight counts—and the Hercules firepot is from 25 to 60% heavier than those on furnaces costing twice as much! Two-piece firepot. Costs more to make than a one-piece firepot, but guards against cracking due to temperature changes which cause contraction and expansion. This is an important feature, and will save you money in the long run.



50% HEAVIER GRATE BARS

AN IMPORTANT Hercules feature! Grate bars are 50% heavier than others specify on furnaces of corresponding size. Think what that means in service! These grates will last one-half again as long as those on ordinary furnaces.

The long shaker handle puts a stop to tiresome stooping.



BIG HUMIDIFIER MOISTENS AIR

EXTRA LARGE. Keeps the air in your home moist and comfortable. Holds 2½ gallons of water, is easily filled and easy to keep clean. Nothing except an automatic humidifier can compare with it. Doctors emphasize the need of moisture in the air. The Hercules, always up to date, helps stave off winter colds.



EASY ACCESS TO INTERIOR

NOTICE the draw bands on the Hercules outside casings. The simplest of all to put together, and the easiest of all to take apart. This is a very convenient feature. If you want to clean inside your furnace or secure anything dropped through the grating, just take a screw driver, remove the lower outside half without disturbing anything else.

HOME OWNERS!



Heavy Cast Iron Radiator

1 The heart of the Hercules and the seat of its great heating capacity. Larger and heavier than those on any other furnace of its price and size!

Large Combustion Chamber

2 Correctly proportioned to the grate area. Effects the proper mixing of the air with the gases from the fuel, and brings efficient combustion.

Improved Fuel Saver

3 No more black smoke or wasted fuel! Air is admitted through the newly developed Hot Blast Door, heated in the by-passes, and sprayed over the fire bed. Volatile gases are consumed and converted into heat units. You get complete combustion in the Hercules—and cut your fuel bill!

Uniform One Inch Air Space Between Casings

4 This is a perfect insulation, locking heat in, and preventing its loss into the basement. The heat goes where you need it! Double galvanized Casings.

Two-piece Fire Pot

5 Greater durability. Equalizes expansion, guarding against the cracking or bulging to which one-piece fire pots are subject. Deep grooved leak-proof joints filled with our special furnace cement which expands and contracts with the metal, and seals the two castings as tightly as if they were one piece.

Revolving Grates

6 Extra heavy grate bars—triangular, clinker-breaking type. Admit right amount of air into fire box. Adaptable—use with any kind of fuel.

Long Shaker Handle

7 Waist high! By rocking, easily shakes down ashes. Eliminates stooping.

LOW PRICES—EASY TERMS!

In the table below we show the size house (number of rooms) each size furnace will comfortably heat. If you live in a very cold climate, or if you have exceptionally large rooms or your house is unusually hard to heat, we recommend ordering a furnace one size larger. If you prefer, we will estimate the size furnace required for your particular building. This service is free. Write for estimate and enclose sketch. Prices include furnace complete with galvanized top and casing. Top bonnet of furnace is shipped without holes for the warm air pipes, as these can be easily cut as required when furnace is being installed. Warm air pipe, cold air pipe, registers, smoke pipe, smoke damper, etc., are not included. See opposite page for prices of complete Warm Air heating systems. Smoke pipe, dampers, etc. are listed on page 22.

Shipped from Central New York or Eastern Ohio. Not Prepaid.
When Ordering on Easy Payments, Use Time Payment Order Blank Enclosed.

Catalog No.	Will Heat No. of Rooms	Cash Price	Time Payment Price	Time Payment Terms		Dia. Fire Pot, Inches	Takes Smoke Pipe, Inches	Diameter Casing, Inches	Height Incl. Bonnet, Inches	Shipping Weight, Lbs.
				Down	Month					
42DM3983½	4 to 5	\$ 44.95	\$ 49.45	\$ 5.00	\$ 5.00	18	8	36	62½	925
42DM3984½	5 to 6	55.00	60.50	6.00	6.00	20	8	40	62½	1000
42DM3985½	6 to 7	66.50	73.00	7.00	7.00	22	8	44	63	1160
42DM3986½	7 to 8	76.50	84.00	8.00	8.00	24	8	48	64½	1360
42DM3987½	8 to 9	88.25	96.75	9.00	9.00	26	8	52	62½	1600
42DM3988½	9 to 10	106.75	117.75	12.00	10.00	28	9	52	67½	1800

Estimated Freight Charges on Furnace Shipments

To get a fairly accurate idea of the freight charges on a furnace to your shipping point, the following table will aid you. The rates are for 100 pounds. For example: If you live within 250 miles of Central New York and select our furnace, 42DM3983½ simply find the rate under the 250-mile heading below which is 58c per hundred pounds. Multiply the rate of 58c by the weight of the furnace which you will find in the table at the left is 925 lbs. The freight charges therefore are approximately \$5.37.

Freight Rates Per 100 Pounds

150 Miles	200 Miles	250 Miles	300 Miles
49c	55c	58c	67c

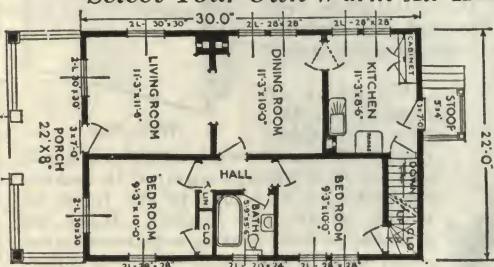
a Complete Warm Air Heating System for Only

And \$91.50 is ALL you pay! There's nothing else to buy! One low price brings everything needed to install and operate the Hercules Pipe Furnace, including warm air pipes, registers, cold air ducts, all fittings, smoke pipe—EVERYTHING! Remember this—you can't equal this size Hercules COMPLETE Heating Plant elsewhere for less than \$175.00! Do not confuse our complete price with prices others quote for the furnace only. If you wish the Hercules without the extras needed to install it, see prices on opposite page. Compare them with those quoted elsewhere. Then you will see how much you save here even before you include the extras.

Hercules Heated Homes Number More Than 100,000

You can seek nothing in furnace quality and furnace service that is not also sought and found by Hercules' 100,000 owners! Their endorsement means that the Hercules has had its test in every type of home, pitted against every kind of weather; it means Hercules has behaved brilliantly under the most trying conditions—all of which goes to prove that Hercules' performance is equal to any demand! Best of all, Hercules operates according to well known principles of health—circulating warm, clean, and properly humidified air throughout your home. In a word, Hercules has quality, built-in quality of a high order, which, at our spectacular low price, expresses the extreme in value. And this value can be traced to the seven fundamental features of Hercules construction. See opposite page.

Select Your Own Warm Air Heating Plant



By our new plan of selling complete warm air heating systems, you can easily find the exact Hercules to buy and therefore know at once the total cost of a heating plant for your home. The sketch at the left shows the floor plan of a house 22 feet wide and 30 feet long. The ceiling is 9 feet high. These dimensions multiplied together give you the volume of this house.

For example: 22

times 30 equals 660 square feet. This times 9 ft.—the ceiling height—equals 5940 cubic feet, the volume. In the table below we quote complete warm air heating plants on a basis of cubic contents. Note that a house having over 4500 cubic feet and less than 6000 cubic feet requires a 20-inch Hercules—cash price for a one-story installation, \$102.50. And you needn't pay a cent more, here or elsewhere! The figures below are based on heating systems for one-story buildings. If you live in a two-story house, add the cubical contents of both floors to arrive at the correct size heating plant; then add \$5.50 per second floor room for wall stacks and fittings.

If you prefer, our engineering department will gladly estimate the heating capacity required for your building. Simply send us a floor plan giving the size of each room, the height of the ceiling, and the size and number of windows in each room.

Designed for Greater Heating Efficiency

Hercules has an extra large cast iron radiator, much larger than in most furnaces of the same size. Unusually heavy, two-piece fire pot. Extra heavy grate bars especially constructed to prevent warping. A fuel-saving air distributor sprays pre-heated air over fuel bed in proper proportion for most efficient combustion. Large combustion chamber, proportioned to grate area. Read the Seven Great Quality Features on opposite page.

Included With Your Hercules Are the Following:

1. All black japan floor registers.
2. Sufficient pipe and fittings to connect warm air registers to the furnace.
3. Black japan cold air registers with galvanized iron pipe and fittings to connect cold air to furnace.
4. All smoke pipe and fittings necessary to connect furnace to chimney.
5. Asbestos paper to cover all warm air pipes.

Copper or nickel plated floor registers—\$1.25 per room extra. Black japan baseboard wall registers—\$1.75 per room extra. Plated wall registers—\$3.00 per room extra. Second floor rooms—\$5.50 extra per room.

After selecting size of heating system send us your order on either the cash or time payment basis, and along with it, send a floor plan of your building made on a plain piece of paper. Show size of each room, height of ceiling, number and size of windows in each room. Our engineering department will then balance the distribution of the heated air, so uniform temperature will be had in all rooms, and send you a plan showing how the heating plant should be installed. We also send complete instructions explaining every detail of the installation, step by step. One man and a boy can easily install a Hercules Furnace. It is almost as easy as putting up a stove. Remember our engineers absolutely guarantee results first, last and all the time. We guard your interests always.

Prices on Complete Hercules Warm Air Heating Systems

When Ordering on Easy Payments, Use Time Payment Order Blank Enclosed.

Catalog No.	Diam. of Grate, Inches	Heating Capacity Cubic Feet	Shpg. Wt. Lbs.	Cash Price	Time Payment Price	Down Payment With Order	Monthly Payments
42DM3500 1/2	18	4,500	1150	\$ 91.50	\$101.00	\$10.00	\$10.00
42DM3501 1/2	20	6,000	1325	102.50	113.50	12.00	10.00
42DM3502 1/2	22	7,200	1525	125.00	136.00	12.00	10.00
42DM3503 1/2	24	9,000	1750	143.00	156.00	16.00	11.00
42DM3504 1/2	26	11,000	1950	162.50	177.50	20.00	12.00

Shipped from Central New York or Eastern Ohio. Not Prepaid. See opposite page for estimated freight charges.

The above prices cover a complete heating plant for 10° below zero weather. If a heating system is wanted for 15° or 20° below zero, one size larger should be ordered.

\$91.50
CASH
AND UP
Others Ask \$175⁰⁰

**Everything Needed
for the Installation!
FURNACE, WARM AIR
PIPE, REGISTERS,
COLD AIR DUCT, all
FITTINGS, SMOKE
PIPE, etc. . . . All
Ready to Install—**

**Nothing Else
to Buy!**

**EASY TERMS
AS LOW AS**

**\$10⁰⁰
DOWN**

and \$10⁰⁰ A Month

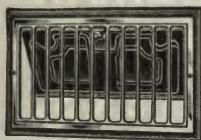
Description of the Registers, Fittings and Pipe Furnished With Our Hercules Warm Air Heating Plants

Fill in the information blank enclosed in this catalog and send it to us for an estimate of the Warm Air Plant best suited to your building.

Pressed Steel Registers

The registers may be placed in the floors or in the walls, but unless otherwise requested we always figure on baseboard wall registers as we believe them to be the most satisfactory. Wall registers cost a little more, but they have two very great advantages. They are out of the way where they cannot be walked upon, and also there is less chance of dirt or sweepings getting down into the pipes. Either floor or wall registers will heat perfectly and if you want us to estimate on floor registers we will gladly do so.

Our floor registers are made entirely of pressed steel. This makes an ideal floor register, for the pressed steel face is very rigid and will not bend or give under the weight of the heaviest person, while the steel frame or body reinforces it from the under side, making the complete register lighter in weight and very much stronger. We also include a cold air return face made of oak wood, which can be nicely finished to match the floors. There being nothing but cool air passing through this large face it is entirely safe to make it of wood.



Baseboard Register

Our wall registers are made entirely of pressed steel. They are very strong and practically unbreakable. The wall registers for the first floor are set down into the baseboard and are made with a deep throat to give plenty of air space. Those for upstairs are placed above the baseboard

and fit flat against the plastering. Our wall registers are all equipped with one-piece deflecting valves which throw the air current out away from the walls.

We use the plain square lattice design for all floor registers, and straight bar design for the wall registers as illustrated.

Black Japanned Finish

Unless otherwise instructed, we always figure on black japanned finish floor and wall registers. This is generally used, as it is less expensive than the fancy finishes.

We can, however, furnish any of the standard electro-plated finishes. If you desire a different finish, specify finish wanted in writing for estimates. Special finishes must be shipped separately, direct from the register factory.



Cold Air Face

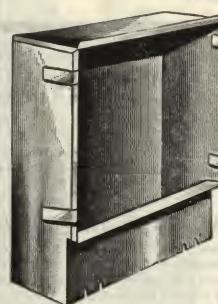
Under some conditions it is possible to use our side wall registers on the first floor and continue the same pipe up through the wall to the room above, thus heating two rooms from one pipe. In the case of small rooms, or rooms that are not to be heated all the time, this method is often found desirable and entirely satisfactory.

Our Adjustable Elbows

Our elbows are adjustable and their use enables anyone to apply the exact angle required without the expense and labor of constructing special elbows. By taking the elbow at both ends and turning it, the adjustment is easily effected. These elbows are made by machinery especially designed for their manufacture and are as nearly perfect as it is possible to produce. The seams in our elbows are made so that instead of being the weakest part, they are the strongest part in the elbow and they cannot be taken apart without destroying the material.



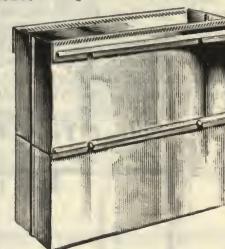
Adjustable Elbow



Wall Pipe and Fittings

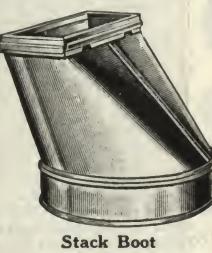
All pipes and fittings used between the walls, or between the floors and ceilings, are of single tin and should be covered with asbestos paper before they are placed in the walls. All our tin fittings for warm air furnace installations are made on the latest type of labor saving machinery, by skilled mechanics. Only high quality of heavy tin plate and galvanized steel are used, and we have taken every precaution to provide pipes and fittings that will cause you no unnecessary work or trouble.

The wall pipe is put up in lengths of 2 feet. Each section is furnished with a slip end for the purpose of joining together the sections of wall pipe without the use of any solder or rivets. This method simplifies the installation very much. Covering the wall pipe and fittings with asbestos paper insures against any danger of fire.



Wall Pipe

We have on hand at our factory a complete line of offsets, elbows, boots, stack heads and all other fittings required to make a complete job of piping to any room, no matter where it is located. When we estimate on your heating requirements we select just the size required for the different rooms to be heated, guaranteeing that the proper amount of heat will be delivered through every pipe.



Stack Boot

Round Basement Pipe

Our round tin pipe is smooth, straight and perfectly made, so that it will go together without any trouble. It is packed solid in a roll. Each section is formed and shaped all ready to be locked in position and connected up with the furnace. There is no soldering to be done and no special tools are required. Each joint of pipe is uniformly crimped at one end, so that it will easily and snugly fit into the next section and really makes one continuous piece of pipe after it is put together. The sections are about 20 inches in length. By shipping this pipe packed solid in a bundle it takes a much lower freight rate, and the saving is entirely yours. The made up pipe in long sections makes necessary the use of large bulky crates that are hard to handle and expensive to make.

We furnish round galvanized pipe for return air ducts made in the same way and shipped in small, compact, handy packages. Even the large sizes are now shipped as easily as small 8-inch pipe, whereas heretofore the made up pipe necessitated very large, bulky crates.

Selecting Registers, Furnace Pipe and Fittings

For the convenience of those who desire to add to a warm air system already installed, or replace worn out material, we will gladly submit a special estimate. If you intend installing a complete system, do not attempt to select the registers and fittings yourself, unless you are thoroughly familiar with the sizes required. The size of registers, pipe and fittings should be scientifically figured, and, for this reason, we cannot guarantee the operation of a system unless figured or verified by our heating engineers. To ascertain the cost of a Hercules Warm Air Plant of the proper size for your building, fill in the plan blank inclosed in this catalog and send it to us for an estimate. We make no charge for this service.



Bundle of Pipe Ready for Shipment



Showing Pipe With Seam Locked

BIG BOILERS for BIG BUILDINGS

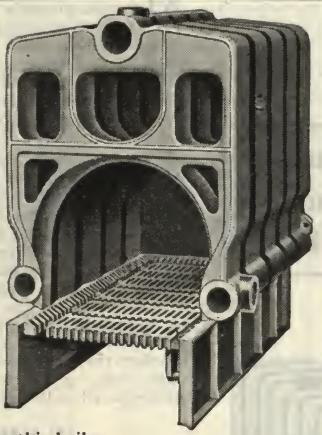


FOR LARGE residences, apartment buildings, churches, schools, or any building requiring a boiler of large capacity, our Extra Large Series Boilers are unexcelled. The construction of this boiler, which is furnished for steam or hot water heating, is shown by the illustrations on this page. From the standpoint of real heating efficiency and fuel economy, it ranks with the very best boilers to be obtained anywhere, regardless of cost. It is well made throughout, with heavily built cast iron sections and unusually large water spaces, designed to promote the most efficient heating and circulation of the water.

3 GREAT FEATURES

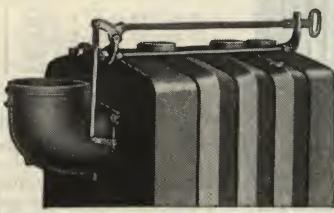
Large Flue Passages and Deep Overhanging Water Spaces, Located Directly Over the Fire

This illustration shows the internal construction of our Hercules Extra Large Series Boilers. Notice that the fire and hot gases travel three times the length of the boiler before escaping into the chimney. First it goes to the rear of the fire box where it turns up into the outer flue spaces and comes forward to the front of the boiler. Then it turns into the center flue space and goes back again the full length of the boiler before going out through the smoke pipe. The illustration clearly shows the enormous amount of heating surface contained in this boiler.

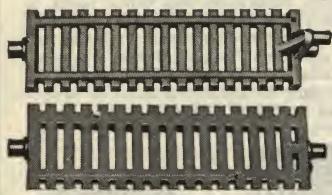


Damper Is Operated From Front of the Boiler

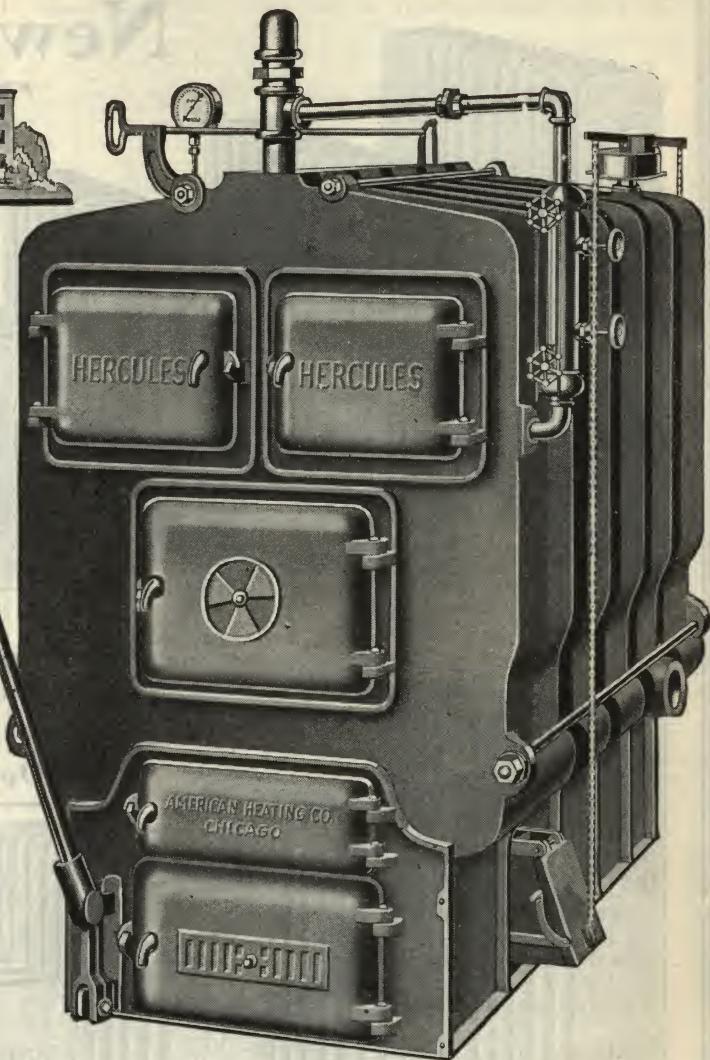
The illustration at the right shows the smoke collar and the convenient damper operating device with which these boilers are equipped. This arrangement permits you to control the damper from the front of the boiler and assures positive and accurate adjustment of its position for most efficient operation.



Heavily Constructed Rocking Grate Bars



Grate bars are of extra heavy construction, designed for greatest durability. Note the double bridged reinforcing beneath the ridges. Grates are rocking type, controlled by a long shaker lever as shown in the large illustration of the boiler. The entire grate bed can be shaken by simply moving this shaker lever backward and forward.



HERCULES EXTRA LARGE SERIES BOILERS

With deep over-hanging water spaces, and an unusually long flue travel, providing an enormous amount of heating surface, these boilers have remarkable heating efficiency. They are scientifically designed with a capacity to handle heating jobs above the average in size, and to do it easily, without forcing, and with the minimum amount of fuel. Their performance over a period of years in many types of buildings and operating under varying conditions has proven their ability to meet the most exacting requirements. We recommend our Hercules Extra Large Series Boilers with the full assurance that they will give you highly satisfactory service for either steam or hot water heating.

These boilers are shipped in sections, enabling them to be taken through narrow basement doorways. Sections are interconnected at three points with tapered push nipples. It is a very simple matter to assemble the sections on the job, as each section is drawn up with separate bolts.

When ordered for steam heating a complete set of steam trimmings are included—safety valve, steam and water gauges, damper regulator, etc.—while these steam trimmings are omitted when boiler is ordered for hot water heating.

Our heating engineers will be glad to figure a complete heating system to meet your particular needs. Write for free estimate.

See explanation in regard to Boiler Ratings on page 25.

Shipped from factory in Western Pennsylvania. Not Prepaid.

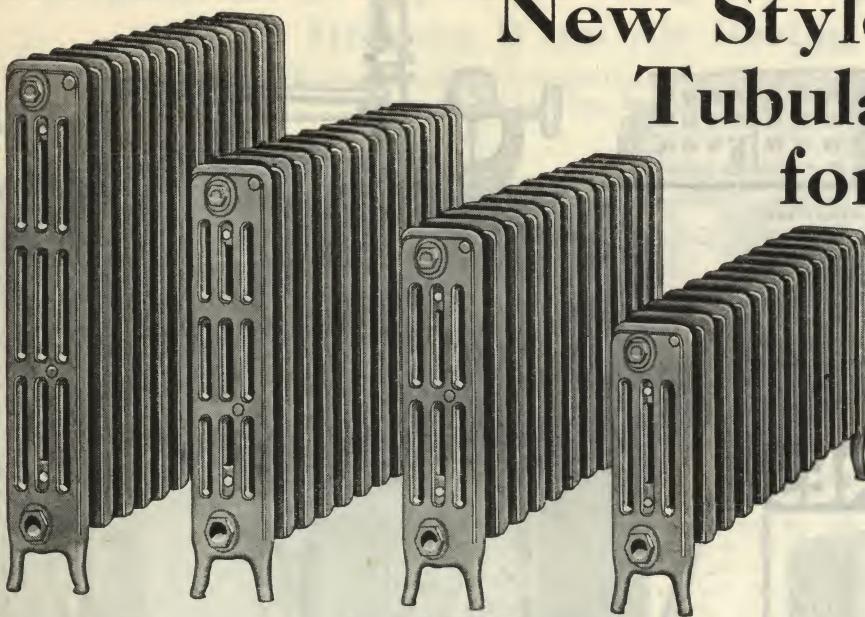
Catalog No.	Width Grate, Inches	No. of Sections	Height to Top of Boiler	Boiler Tappings		Diameter Smoke Pipe	Grate Area, Square Feet	Actual Load, Sq. Ft.	Rated Capacity, Sq. Ft.	Shpg. Wt. Lbs.	Cash Price	Terms		
				Flow	Return							Down	Per Month	
42DM4053 1/2	21	6	53 1/2 in.	2 3-in.	2 3-in.	10 in.	4.92	875	1750	1875	\$138.75	\$151.75	\$16.00	\$11.00
42DM4055 1/2	25	5	54 in.	2 4-in.	2 3-in.	12 in.	5.55	950	1900	1925	159.50	174.50	20.00	12.00
42DM4056 1/2	25	6	54 in.	2 4-in.	2 3-in.	12 in.	6.74	1140	2300	2200	182.95	200.45	26.00	13.00
42DM4057 1/2	25	7	54 in.	3 4-in.	3 3-in.	12 in.	8.00	1330	2660	2600	209.65	229.65	30.00	14.00
42DM4058 1/2	25	8	54 in.	3 4-in.	3 3-in.	12 in.	9.22	1500	3000	2900	235.00	257.50	34.00	15.00

For Steam Heating

42DM4054 1/2	21	6	53 1/2 in.	2 3-in.	2 3-in.	10 in.	4.92	550	1100	1900	151.50	166.50	20.00	12.00
42DM4059 1/2	25	5	54 in.	2 4-in.	2 3-in.	12 in.	5.55	630	1200	1955	172.25	187.25	20.00	12.00
42DM4060 1/2	25	6	54 in.	2 4-in.	2 3-in.	12 in.	6.74	760	1400	2230	195.70	213.20	26.00	13.00
42DM4061 1/2	25	7	54 in.	3 4-in.	3 3-in.	12 in.	8.00	900	1700	2630	222.50	242.50	30.00	14.00
42DM4062 1/2	25	8	54 in.	3 4-in.	3 3-in.	12 in.	9.22	1100	2000	2930	247.75	270.25	34.00	15.00

When Ordering on Easy Payments Use Time Payment Order Blank Enclosed.

New Style Cast Iron Tubular Radiators for Steam and Hot Water Heating



Four-Tube Radiators

The Very Latest
Ambassador Pattern

MANUFACTURED from high quality material, properly constructed; graceful and artistic in design, and easily kept clean.

These Ambassador Pattern Radiators have a wider space between the sections for the circulation of air than most other types of radiators. This causes the radiators to do the most effective work in giving off heat, both by radiation and convection (by contact with the air).

We can furnish the radiators listed on the opposite page in any number of sections up to and including thirty-two, to meet the requirements of the rooms to be heated. Hot water radiators are tapped at both ends; steam radiators are tapped at one end only. All tappings are threaded right hand. When requested, we will furnish them tapped in any manner desired without extra charge. All radiators are tapped for $\frac{1}{8}$ -inch air valve unless otherwise specified. When ordering radiators be sure to state whether they are to be used for steam or hot water; also give the size of tapping desired, otherwise all radiators will be tapped as follows:

TAPPINGS

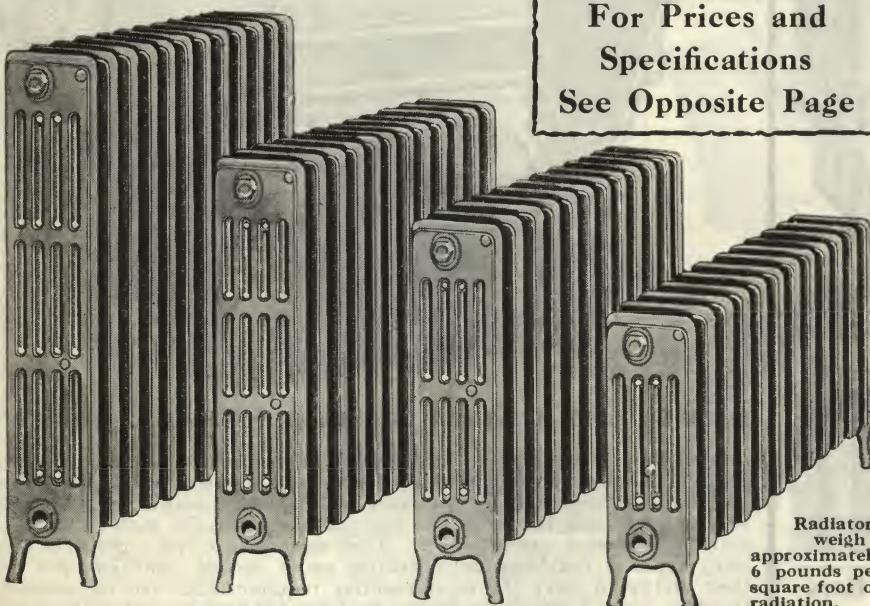
STEAM

0 to 24 feet, 1 in.
24 to 60 feet, $\frac{1}{4}$ in.
60 to 100 feet, $\frac{1}{2}$ in.
100 ft. and over, 2 in.

0 to 40 feet, $\frac{3}{4}$ in.
41 to 70 feet, 1 in.
71 to 110 feet, $\frac{1}{4}$ in.
111 ft. and over, $\frac{1}{2}$ in.

HOT WATER

For Prices and
Specifications
See Opposite Page

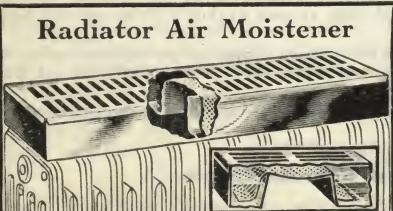


Five-Tube Radiators

Radiators weigh approximately 6 pounds per square foot of radiation.

For Prices See Opposite Page

Seven-tube or window radiators are made especially to meet the demand for low radiators to be used in front of the windows where the distance from the bottom of the window to the floor is from 14 to 26 inches. They are also intended for use under window seats or wherever a low radiator is desired. They are $1\frac{3}{4}$ inches in width. Three-tube radiators are generally placed in halls, bathrooms and other parts of the home where it is necessary to use as narrow a radiator as possible. Four and five-tube radiators are considered standard and are used for all installations except where conditions make it necessary to install the three or seven-tube radiators described above.

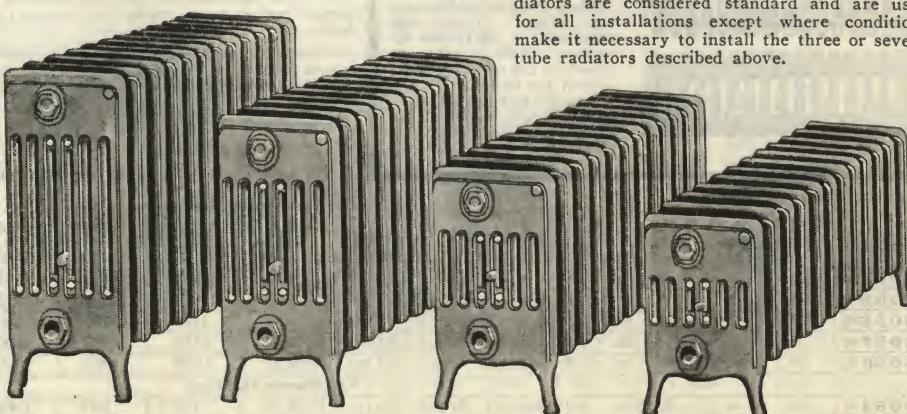


Radiator Air Moistener

One of the most efficient evaporators made. The small cross sectional view shows water tank along sides and wick extending over center opening where warm air rushing upward picks up moisture from the wick. Furnished in four lengths, all 9 inches wide. Complete with wick and wires for attaching. Gold bronze finish.

Not Prepaid.

Catalog No.	Size	Shpg. Wt.	Each
42DM1835 $\frac{1}{4}$	18 in.	4 $\frac{1}{2}$ lbs.	\$1.85
42DM1836 $\frac{1}{4}$	24 in.	5 $\frac{1}{4}$ lbs.	2.25
42DM1837 $\frac{1}{4}$	30 in.	6 $\frac{1}{4}$ lbs.	2.60
42DM1838 $\frac{1}{4}$	36 in.	7 $\frac{1}{2}$ lbs.	3.00



Seven-Tube Radiators

Ambassador Three-Tube Radiators

Generally used in hallways, passageways, small bathrooms, etc., where the radiator must be as narrow as possible. They may also be hung on the wall by means of brackets, where they are out of the way.

Shipped from CENTRAL NEW YORK or WESTERN PENNSYLVANIA, Not Prepaid. Prices are subject to market changes.

No. of Sections	Length in Inches, Figuring 2½ Inches per Section	SQUARE FEET OF HEATING SURFACE				
		36-Inch Height, 3½ Square Feet per Section	30-Inch Height, 3 Square Feet per Section	26-Inch Height, 2½ Square Feet per Section	20-Inch Height, 1½ Square Feet per Section	
2	5	7	6	4½	3½	
3	7½	10½	9	7	5½	
4	10	14	12	9½	7	
5	12½	17½	15	11½	8½	
6	15	21	18	14	10½	
7	17½	24½	21	16½	12½	
8	20	28	24	18½	14	
9	22½	31½	27	21	15½	
10	25	35	30	23½	17½	
11	27½	38½	33	25½	19½	
12	30	42	36	28	21	
13	32½	45½	39	30½	23½	
14	35	49	42	32½	24½	
15	37½	52½	45	35	26½	
16	40	56	48	37½	28	
17	42½	59½	51	39½	29½	
18	45	63	54	42	31½	
19	47½	66½	57	44½	33½	
20	50	70	60	46½	35	

42DM4010½—Steam

42DM4011½—Hot Water

NEW LOW PRICE
Any Size or Height
Per Square Foot

29¾

Each section is 5 inches wide. Height from floor to center of opening, 4½ inches. Allow ½ inch in the length of radiator for the bushing in end sections. Shipping weight of Radiators, 6 pounds per square foot of radiation.

Ambassador Four-Tube Radiators

Used for heating residences, halls, churches and public buildings the same as the three-tube radiators.

Shipped from CENTRAL NEW YORK or WESTERN PENNSYLVANIA, Not Prepaid. Prices are subject to market changes.

No. of Sections	Length in Inches, Figuring 2½ Inches per Section	SQUARE FEET OF HEATING SURFACE			
		36-Inch Height, 4½ Square Feet per Section	30-Inch Height, 3½ Square Feet per Section	26-Inch Height, 2½ Square Feet per Section	20-Inch Height, 1½ Square Feet per Section
2	5	8½	7	5½	4½
3	7½	12½	10½	8½	6½
4	10	17	14	11	9
5	12½	21½	17½	13½	11½
6	15	25½	21	16½	13½
7	17½	29½	24½	19½	15½
8	20	34	28	22	18
9	22½	38½	31½	24½	20½
10	25	42½	35	27½	22½
11	27½	46½	38½	30½	24½
12	30	51	42	33	27
13	32½	55½	45½	35½	29½
14	35	59½	49	38½	31½
15	37½	63½	52½	41½	33½
16	40	68	56	44	36
17	42½	72½	59½	46½	38½
18	45	76½	63	49½	40½
19	47½	80½	66½	52½	42½
20	50	85	70	55	45

42DM4012½—Steam

42DM4013½—Hot Water

NEW LOW PRICE
Any Size or Height
Per Square Foot

29¾

Each section is 6½ inches wide. Height from floor to center of opening is 4½ inches. Allow ½ inch in the length of radiator for the bushing in end sections. Shipping weight of Radiators, 6 pounds per square foot of radiation.

Radiators can be furnished in any number of sections up to and including thirty-two sections

Radiator Bronze

Recent tests made by the United States Bureau of Standards have proved that paint enamels when used for radiator decoration are 10 to 15 per cent more efficient than bronzing liquids.

On all our Hercules Heating Systems, therefore, we recommend paint enamel decoration in preference to radiator bronze.

Household Radiator Enamel

High gloss. Make your radiators harmonize with the walls or woodwork. Will not rub off, peel or blister. Apply with a 2 or 2½-inch enameling or varnish brush.

30D2124—Ivory.

30D2125—Buff.

30D2126—Pearl Gray.

1-pint can 42c
79c

1-quart can 79c

We Pay the Postage



Radiator Enameling Brush

This is an excellent brush for applying radiator enamel to radiators. It is large enough to paint fairly fast work, and at the same time sufficiently narrow to get into corners and spaces between the sections.

Black bristles secured in vulcanized rubber, metal bound. Width, 2 inches. Length of bristles, 2½ inches. We Pay the Postage.

30D3031 25c



Adjustable Nickel Plated Ceiling and Floor Plates

Can be placed on the pipes after they are in position.
42DM120—Not Prepaid.

Size, inches ¾ 1 1¼ 1½ 2
Shpg. wt., lbs. ½ ½ ½ ½ ¾

Each 7c 9c 10c 11c 12c

Prepaid 4c

42DM119—Shpg. wt., 4 oz. Not Prepaid 45c

42DM119—Shpg. wt., 4 oz

HEATING SUPPLIES AND EQUIPMENT

COVER YOUR HEATING PIPES SAVE $\frac{1}{4}$ OF YOUR FUEL BILL

Aircell
Asbestos
Pipe
Covering

18¢
And Up

3-Ft. Length

For covering pipes on steam and hot water heating systems. Prevents waste of heat and means a positive saving in fuel. Easily applied after pipes are in place. Sold only in 3-foot lengths—3-ply thick. Sizes represent inside diameter of pipe over which covering will fit. If state size wanted, lacquered brass bands are included. Shipped from factory in Philadelphia, Pa., or Boston, Mass. **42DM404½**—Not Prepaid.

For Pipe Size, In.	Shpg. Wt., Lbs.	Per 3-Ft. Length	For Pipe Size, In.	Shpg. Wt., Lbs.	Per 3-Ft. Length
$\frac{1}{2}$	1 $\frac{1}{4}$	18c	2	3 $\frac{1}{4}$	30c
$\frac{3}{4}$	2	20c	2 $\frac{1}{2}$	3 $\frac{3}{4}$	33c
1	2 $\frac{1}{4}$	22c	3	4 $\frac{1}{4}$	37c
$1\frac{1}{4}$	2 $\frac{3}{4}$	25c	3 $\frac{3}{4}$	5	42c
$1\frac{1}{2}$	3	27c	4	5 $\frac{1}{4}$	50c

Wool Felt
Pipe Covering

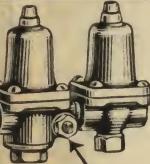
28¢ And Up

3-Ft. Length

Used on hot and cold water pipes to prevent freezing, also keeps pipes from sweating in warm weather. Mineral felt contains millions of dead air cells per cubic inch and is one of the most effective insulators known. For inside use only. Comes in standard 3-ft. lengths, $\frac{3}{4}$ -inch thick. Bands are included. Shipped from factory in Philadelphia, Pa., or Boston, Mass.

42DM4070½—Not Prepaid. State size wanted.

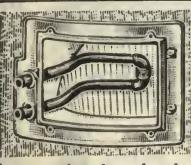
For Pipe Size, In.	Shpg. Wt., Lbs.	Per 3-Ft. Length	For Pipe Size, In.	Shpg. Wt., Lbs.	Per 3-Ft. Length
$\frac{1}{2}$	4 $\frac{1}{4}$	28c	1 $\frac{1}{4}$	7	39c
$\frac{3}{4}$	5	31c	1 $\frac{1}{2}$	9	43c
1	6 $\frac{1}{4}$	35c	2	10 $\frac{1}{4}$	47c



Hercules Automatic Pressure Relief and Regulator Valve for Hot Water Heating Systems

Maintains a constant pressure in the system, so the entire system is always kept automatically filled. Speeds up circulation of the water and reduces heat loss. The added pressure on the water raises its boiling point, so you can get a much higher temperature in your radiators if necessary. Eliminates the expansion tank altogether. Reduces air pockets in the system. Valve is entirely automatic, admitting more water to the system when needed, and allowing surplus water to escape when pressure reaches a certain point. Valve is simple in design and all parts are interchangeable. The body is made of red brass, and all working parts are brass. It is equipped with a special filling valve for initial filling of the system. Can be installed on old or new jobs, by cutting out 6-inch section in supply line. One size for all installations. Threaded for $\frac{1}{2}$ -inch pipe connections.

42DM151—Shpg. wt., 10 lbs. Not Prepaid.....\$11.95



Hot Water Coil for Furnaces

Hot water coil fits any pipe or pipeless furnace we sell. Extends into combustion chamber as shown. When connected with range boiler, will provide hot water for bathroom and kitchen. State fire-pot diameter of furnace. Shpg. wt., 7 lbs.

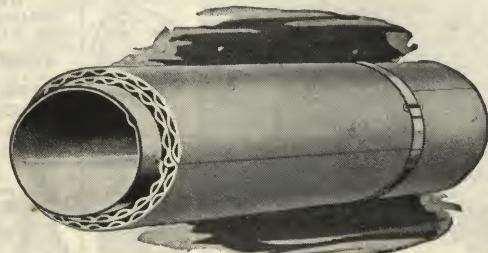
42DM1675½—Not Prepaid. \$1.55

Hot Water Coil For Boilers or Furnaces

Placed in the fire pot of boiler or furnace and connected with range boiler, gives hot water with no added fuel cost. Made of heavy cast iron in one piece. Height, 9 inches. Tapped for $\frac{3}{4}$ -inch iron pipe connections. Easy to install, and will give lasting service. Shpg. wt., 10 lbs.

42DM162
Not Prepaid.....\$1.00

"Insultite" Covering for Furnace Pipes



Saves its cost in one winter by reducing heat loss from warm air pipes in the basement. "Insultite" is made of heavy asbestos paper with corrugations about $\frac{1}{4}$ inch deep to form dead air spaces, one of the best known heat insulators. One layer around a furnace pipe is very effective, but we recommend two layers for cutting down heat loss to a minimum. "Insultite" is easily applied. Cut off a strip from the roll long enough to go twice around the pipe and paste down the end with our Cold Water Paste listed on the opposite page, or any good flour paste. Bands are furnished for the joints. "Insultite" is put up in rolls 36 inches wide, containing 250 square feet. One roll will cover from 40 to 50 linear feet, two thicknesses. We do not ship less than full rolls. When ordering, specify size pipe to be covered. Shipped from factory in Philadelphia, Pa. or Boston, Mass. Shipping weight, per roll, 80 pounds.

42DM4050½—Per roll, Not Prepaid.....\$5.65

Galvanized Smoke Pipe



42DM197—26-gauge. Sold only in 2-foot lengths. Improved lock seam. Not Prepaid. Size, inches 7 8 9 10
Shpg. wt., per length, lbs. 3 $\frac{1}{4}$ 4 4 $\frac{1}{4}$ 5
Per length..... 43c 45c 50c 55c

Smoke Pipe Dampers

42DM199—Cast iron automatic lock type. Not Prepaid. Size, inches 7 8 9 10
Shpg. wt. 8 oz. $\frac{1}{2}$ lb. 1 lb. 1 $\frac{1}{4}$ lbs.
Each..... 22c 30c 45c 60c

Wire Flue Brush

A very effective cleaner for cast iron heating boilers, round or square. Size, 1 $\frac{1}{4}$ x 4 $\frac{1}{2}$ x5 $\frac{1}{2}$ inches. Threaded for $\frac{1}{4}$ -inch pipe handle. Shpg. wt., 1 lb.

42DM168—Not Prepaid.....49c



Galvanized Smoke Pipe Elbows

26-Gauge
Adjustable
Not Prepaid



45-Degree	7	8	9	10
Size, in.....				
Shpg. wt., lbs.....	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3
42DM190	26c	28c	33c	40c
42DM198	38c	43c	48c	55c

90-Degree	7	8	9	10
Size, in.....				
Shpg. wt., lbs.....	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3
42DM190	26c	28c	33c	40c
42DM198	38c	43c	48c	55c

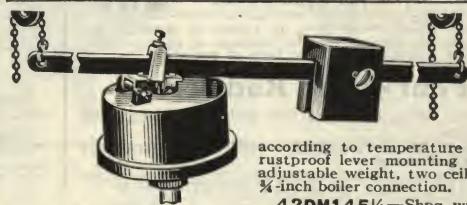
Peerless Flue Cleaner



A most practical and efficient furnace flue cleaner. It is flexible in one direction only. It is absolutely rigid in the other, so that it is always under complete control of the person using it. All of the soot in any furnace radiator can be easily removed in a few minutes. Pays for itself in fuel saved. Shpg. wt., 5 lbs.

42DM165½—Not Prepaid.....\$1.30

Damper Regulator for Hot Water Boilers



Automatic! Prevents waste of fuel. Designed especially for hot water house heating boilers. Gradually and positively regulates positions of draft and check dampers

according to temperature of water. Metal diaphragm; bronze rustproof lever mounting rocker. Complete with 40-inch lever, adjustable weight, two ceiling pulleys and 18 feet of chain. Has $\frac{1}{4}$ -inch boiler connection.

42DM145½—Shpg. wt., 11 lbs. Not Prepaid.....\$7.75

FLOOR and Register and Ventilator



\$240

8x10 Inches
Postpaid



Easily installed. Heavy tin adjustable box to fit any floor from 4 to 11 inches. Use with pipeless furnace, cabinet or any stove. Makes stove unnecessary in upper floors; reduces fuel costs. Unbreakable steel, black japanned floorplate, white enameled ceiling plate. Two heavy coil springs hold parts together. Our prices save you \$1.00 to \$2.50 over prices elsewhere.

Gives proper circulation of air, so useful in providing pure air to all rooms. Insures comfort and health during winter months—at very small cost. We Pay the Postage.

99D2118 —Size, 8x10 in.	Each.....	\$2.40
99D2116 —Size, 9x12 in.	Each.....	2.85
99D2119 —Size, 10x12 in.	Each.....	3.45
99D2120 —Size, 12x15 in.	Each.....	5.75
99D2117 —Size, 14x18 in.	Each.....	9.50



Damper Regulating Dial

Attached to wall upstairs. Chains connect to draft door and check on heater in basement. Saves going downstairs to open or close dampers. Dial can be set in any position. Pressed steel, oxidized copper finish. Outfit includes 25-foot chain and four pulleys. We Pay the Postage.

42D123.....\$1.35

Galvanized Expansion Tanks

Used on "open" type hot water heating systems to provide for expansion and contraction of water. Strongly made of steel, galvanized inside and out. Prices include glass water gauge complete with cocks and guards, but not the inlet and outlet fittings shown. Size of inlet and overflow, 1 inch.

42DM1800½—Not Prepaid.



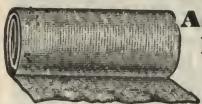
Size, Inches	Sq. Ft. of Radi- ation	Shpg. Wt., Pounds	Including Gauge
10x20	320	31	\$ 7.00
12x20	400	40	7.20
12x30	600	48	8.25
14x30	800	60	11.30
16x30	1,040	74	12.25
16x36	1,280	88	13.35

BOILER and FURNACE NEEDS That CUT FUEL COST

Little Fireman Damper Operator

Easily attached to any Steam, Hot Water or Warm Air Heating System or to Pipeless Furnace. Opens the dampers on your heating system before you get up in the morning, so that when you arise every room in your house will be warm and cozy. Just set it like any ordinary alarm clock and it will open the damper at any hour for which you set it. Outfit includes clock, pulleys and 20 feet of chain ready to install, with full instructions. Shipping weight, 6 lbs. Not Prepaid.

42DM1172 \$3.95



Asbestos Paper

A fireproof material made of natural mineral asbestos fiber. Very soft and pliable and easily cut with common scissors. It is usually applied with starch paste, or the special Asbestos Paste listed below at right.

In addition to covering furnace pipes, asbestos paper is used for covering walls, partitions and ceilings exposed to heat, and as a lining for floors and ceilings. It comes in rolls 36 inches wide. Shipped from our store. Prices subject to market changes. Not Prepaid.

42DM193—10-yard roll. Shpg. wt., 10 lbs. \$0.89
42DM194—50-yard roll. Shpg. wt., 50 lbs. \$3.90

Asbestos Furnace Cement

Consists of pure mineral asbestos fibers ground and mineralized and compounded with other fireproof materials. This cement is soft and easily worked with a putty knife when fresh, but quickly hardens when exposed to the air, and when heated becomes almost as hard as the iron on which it is used. It makes the joints in a furnace or stove gas and smoke tight.

42DM192—Per 5-pound can. Not Prepaid..... 35c



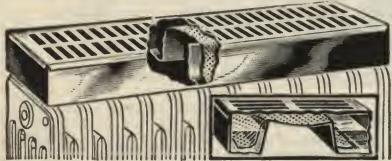
Asbestos Cement

For covering heating or power boilers, range boilers, smoke pipes and elbows and tees on heating systems, etc. Prevents loss of heat. Pays for itself in one or two seasons. Composed of asbestos fiber and a cement compound. Mixed and applied like ordinary plaster to a thickness of about $1\frac{1}{2}$ in. Comes in 100-lb. bags. One bag covers about 11 square feet to a thickness of about $1\frac{1}{2}$ in.

42DM196—Per 100-lb. bag..... \$1.75
Shipped from factory in Philadelphia, Pa., or Boston, Mass. Not Prepaid.

Cold Water Paste
For pasting asbestos paper to tin furnace pipes on warm air heating systems. Not Prepaid.

42DM195—Per 2½-lb package. (Not illustrated)..... 35c



Rapid Radiator Air Moistener

One of the most efficient evaporators made. The small cross sectional view shows water tank along sides and wick extending over center opening where warm air rushing upward picks up moisture from the wick. Furnished in four lengths, all 9 inches wide. Complete with wick and wires for attaching. Gold bronze finish. Not Prepaid.



Hercules Radiator Air Moistener

Moist air in your home is essential for health and comfort. Our Hercules Moistener, filled with water and hung on back of radiator, keeps air moist by evaporation of water. Galvanized sheet metal, gold bronze finish. Shpg. wt., 4 lbs.

42DM157—Not Prepaid 45c

Improved Tank-in-Basement System of Hot Water Heating



Red Top Automatic Relief Valve

For use on Tank-in-Basement heating systems. Releases when pressure in the system reaches 30 pounds. The piston and valve seat are made of special non-corrosive nickel mixture. No chance for this valve to jam, clog, stick or otherwise get out of order. It is listed as standard by the Underwriters' Laboratories.

42D116—Pressure Relief Valve. Postpaid \$4.50

All of our Hercules Hot Water Heating Systems, unless otherwise specified, are now being furnished with new type Automatic Pressure Relief Valve and closed Expansion Tank. With this system, the expansion tank is placed in the basement and is airtight. You no longer have to place the expansion tank in the attic where it is exposed to the danger of freezing.

The Red Top Relief Valve is a simple and positive acting device which automatically relieves excessive pressure in the system when the water is heated to a high temperature. It opens at a pressure of about 30 pounds, protecting the system from damage from overheating.

Illustration at the right shows a typical Tank-in-Basement installation. The closed expansion tank, containing more air than water, gives a cushioning effect as pressure increases, causing a more rapid circulation of water in the system. On account of this rapid circulation, heat loss is reduced, water returning to the boiler is of higher temperature than in the gravity system and is more quickly reheated, thus saving in fuel consumption.

The Relief Valve is used on one of the return pipes, as shown, and is placed in a vertical position. It has no diaphragm, spring, levers or other delicate parts. A weighted piston of monel metal, enclosed in a smooth bronze casing, is forced off its seat when the pressure in the system exceeds that at which the valve is set. The entire valve is made of high grade metals which cannot corrode. It is absolutely dependable and operates without fuss and without noise.

The tank is connected to one of the return pipes and is usually placed between joists of the basement ceiling. However, if there is not sufficient head room, it can be placed lower down. Illustration at the right shows both positions.

The Tank-in-Basement or Pressure System of Hot Water Heating has many advantages and is being used in thousands of residences with entire success. It is specified and advocated by many leading heating engineers of the country.

With this system, a special altitude gauge is used to indicate the height of water and also indicate the corresponding pressure in pounds on the boiler, instead of the regular altitude gauge as used with an open tank system.

Basement Expansion Tank

Strongly made of steel, painted outside. We recommend the following sizes according to the amount of radiation in a "closed" heating system. Tapped for 1-inch pipe connections.

42DM183—State size wanted. Not Prepaid.

Capacity	Size, Inches	For Radiation	Shpg. Wt.	Each
15 gal.	12x30	Up to 500 ft.	40 lbs.	\$ 5.35
21 gal.	12x42	500 to 800 ft.	51 lbs.	6.75
24 gal.	12x48	800 to 1200 ft.	54 lbs.	7.95
40 gal.	14x60	1200 to 1600 ft.	84 lbs.	11.50

Galean

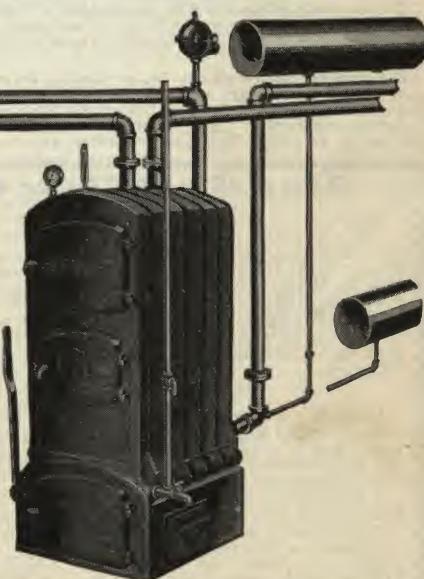
Hi CHINA DISH !

HEOKING? Yes!

EVEN CAL? Very!



42DM117 \$57.75



Showing method of installing basement tank and relief valve

EASY TO CLEAN

« « « AS A CHINA DISH !

No good ever comes of buying an inferior heating plant. You know that. Nor can you afford to buy without getting your money's worth. Besides the loss, there's the inconvenience, the disappointment and often the danger to be considered. But when you buy a superior heat maker like the Hercules Square Boiler, you get your money's worth! You get more than that, for the Hercules has the quality characteristics of a far higher priced boiler! It's made for folks who would willingly pay much more for continual trouble-free service. Yet it is available to everyone! At this moderate price, with the new Easy Payment Plan, you, too, can own one! Right here and right now, your search for a better boiler is over!

Few boilers at any price combine so much beauty with so much efficient utility. Even without the jacket, the Hercules is a heating unit which nears the limit of sound value. The attention to details, the quality of materials and workmanship, the engineering principles that are carefully embodied in its inner construction, all indicate a great capacity for performance—an unusual ability to do its job—to heat your home!

The steel jacket, richly enameled in red, not only gives the Hercules a beauty that will transform your basement—it also serves a very practical purpose. Inside the jacket, covering the sides and top of the boiler, are thick slabs of asbestos, acting as a blanket to prevent heat losses. This provides a very effective insulation and eliminates the necessity of adding the usual coating of ordinary asbestos cement. Here, indeed, is a boiler designed to give permanent and economical service!



5 OUTSTANDING FEATURES

- 1—Fire pot has ample grate area and sufficient height to insure proper combustion.
- 2—Long flue travel means greatest amount of heating surface is directly exposed to the fire and burning gases.
- 3—An improved fuel-saving smoke consumer further adds to heating efficiency.
- 4—Generous size ashpit and heavy rocking grates, clinker-breaking type, with a long, convenient shaker handle.
- 5—Boiler burns hard coal, soft coal, wood or coke; also well adapted for use of oil burner.

We Do Not Pay Freight

TERMS AS LOW AS
\$ 700 DOWN

GOOD LOOKING? - - - - - Yes!
ECONOMICAL? - - - - - Very!



HERCULES STEEL JACKETED BOILERS

Hercules Square Boilers are assembled in vertical sections. The sections are accurately machined to a perfect fit. Sections are interconnected with tapered push nipples and held together with draw rods at three points. The fire pots are designed with just the right grate area, and of sufficient height to insure effective combustion. Further economy is gained by the long fire travel or flue passage, so that the greatest area of heating surface is directly exposed to the fire and burning gases. An improved hot blast smoke consumer is built into the firing door.

BOILER RATINGS

In our boiler specifications we give both the Rated Capacity as well as the Actual Load the boiler will carry. The rated capacity is the manufacturers' listed rating, computed according to accepted standards in the heating industry, but makes no allowance for heat losses from exposed mains, branches, fittings, etc. It is common practice in the heating trade to take about one-half of the listed rating as the actual load the boiler will carry. Our tables show the actual load so you will know exactly how much radiation the boiler will handle. These actual load ratings are conservative and are guaranteed, providing of course that the amount of radiation has been properly figured to heat the building. Our heating engineers will gladly help you solve your heating problem. This service is free. Write and send sketch, for estimate, or ask for any information you may need.



BOILER
Without Jacket

Prices below on steam boilers include steam trimmings complete. Prices on hot water boilers are for boilers only without fittings. Boilers are all 58 inches high over all and take 9-inch smoke pipe. Firing tools include the hoe, poker and flue brush with handle. Boilers are shipped by freight from factory in WESTERN PENNSYLVANIA, SOUTHWESTERN NEW YORK OR CENTRAL NEW YORK, Not Prepaid. Prices are subject to market changes.

Estimated Freight Charges on Hercules Square Boilers per 100 pounds: 150 miles, 37c; 200 miles, 42c; 250 miles, 44c.

Prices and Specifications Hercules Square Boilers—Hot Water

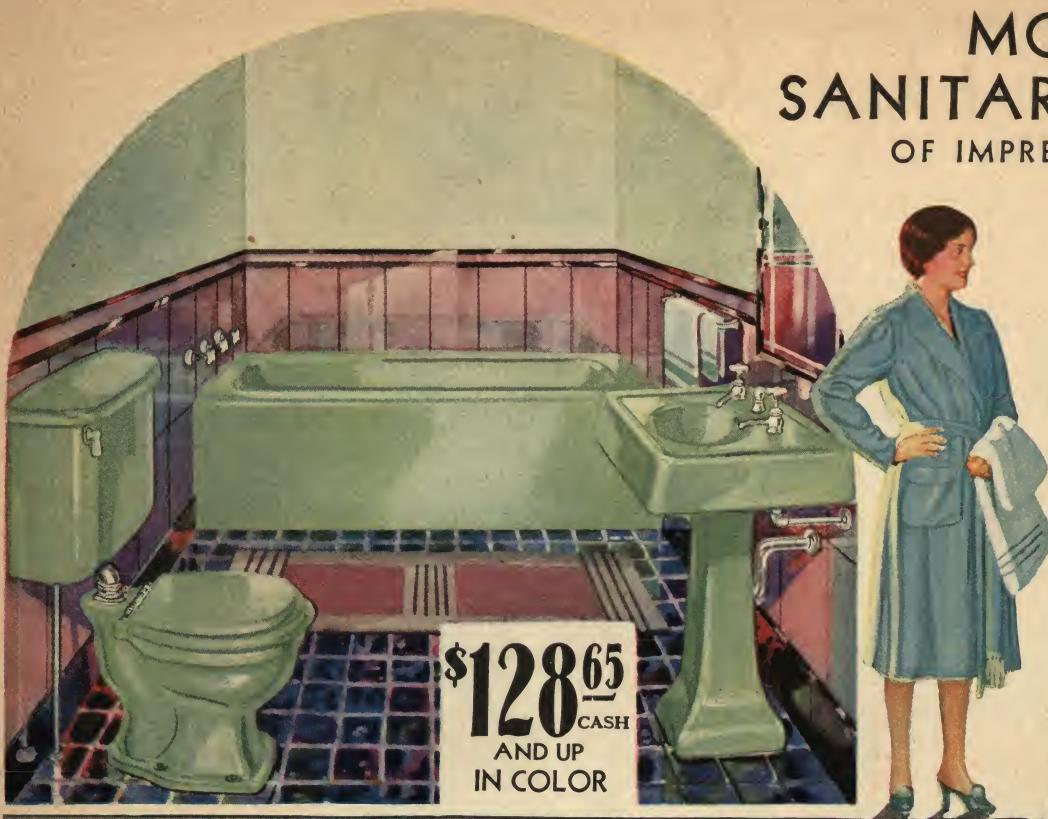
No. Sections	Actual Load, Sq. Ft.	Rated Capacity, Sq. Ft.	Size of Fire Pot, Inches	42DM3974½ With Jacket		42DM3973½ Without Jacket	
				Shpg. Wt., Lbs.	Cash Price Not Prepaid	Shpg. Wt., Lbs.	Cash Price Not Prepaid
5	440	850	17x16½	1,115	\$ 81.35	1,045	\$ 69.25
6	540	1,100	17x20½	1,275	91.45	1,195	78.35
7	640	1,350	17x25	1,425	103.50	1,335	89.65
8	740	1,600	17x29	1,590	114.75	1,490	99.75

Prices and Specifications Hercules Square Boilers—Steam

No. Sections	Actual Load, Sq. Ft.	Rated Capacity, Sq. Ft.	Size of Fire Pot, Inches	42DM3975½ With Jacket		42DM3972½ Without Jacket	
				Shpg. Wt., Lbs.	Cash Price Not Prepaid	Shpg. Wt., Lbs.	Cash Price Not Prepaid
5	280	500	17x16½	1,155	\$ 92.50	1,085	\$ 80.35
6	325	650	17x20½	1,315	102.45	1,235	89.45
7	380	800	17x25	1,465	114.55	1,375	100.75
8	435	950	17x29	1,630	125.65	1,530	110.65

For Easy Payments see Page 52.

MODERN SANITARY FIXTURES OF IMPRESSIVE BEAUTY



\$128.65
CASH
AND UP
IN COLOR

RICHELIEU BATHROOM OUTFIT

You immediately sense an atmosphere of true refinement in this charming bathroom outfit. Illustrated above in the most favored shade of Green, it is also furnished in Ivory, Orchid or White. In quality of materials, in every manufacturing process, we have spared nothing to make this bathroom set the best obtainable at its price!

Tub and lavatory are made of heavy cast iron, double coated with genuine Triple A-A porcelain enamel.

Bathtub is full recess type, designed to be built in on one side and both ends. Waste and supply fittings concealed in the wall, with cross handle controls as illustrated. Tub is 31 1/4 inches wide over all; allow 7/8-inch for building into wall.

Lavatory has a large roomy top, 20x24 inches, with 11x15-inch bowl. Compression faucets indexed, trap and supply pipes to wall, and improved pop-up waste.

Closet is strictly "A Grade" vitreous china, twice fired and deeply glazed. It has a large water trap and employs the genuine siphon jet principle, giving a very quiet though positive flushing action. Offset flush pipe and 3/8-inch supply pipe to floor. Seat and cover are strongly made of hardwood, coated with hand rubbed celluloid.

All fittings are made of brass, chromium plated on colored outfits; nickel plated with white fixtures.

In addition to their apparent beauty, the splendid quality and permanent durability of these fixtures will prove a source of prolonged satisfaction to you. You would pay at least one-third more elsewhere, but you would not get better quality!

All of our porcelain enameled plumbing ware carries the Triple A-A seal which establishes a definite guarantee of quality. Furthermore, they must first pass strict inspection under the standard grading rules of the Enamel Sanitary Ware Manufacturers' Association. When you buy Triple A-A enameled ware, you are assured of high grade castings, standard sizes, modern designs, and a hard glossy surface that is as durable as it is attractive.

You can easily install these bathroom outfits yourself and make an added saving. Our complete Plumbing Instruction Book, PD7777MP, sent free on request, illustrates and explains every step, so that anyone can do the work.

All bathroom outfits on this and the opposite page are shipped from Central New Jersey. Allow three to four weeks for shipment of colored ware, and be sure to state color wanted. White fixtures are shipped at once. We Do Not Pay Freight.

Estimated Freight Charges, bathroom outfits per 100 pounds: 150 miles, 70c; 200 miles, 82c; 250 miles, 86c.

Not Prepaid. See note at top of page for shipping information.

Outfit complete with tub fittings at left end and lavatory pipes to wall.		
Length of tub	4 1/4 Ft.	5 Ft.
Shipping weight, pounds	765	803
42DM7003 1/4—White	\$ 95.95	\$ 96.25
42DM7803 1/4—Colored	128.65	128.90
42DM7803 1/4	132.70	

Outfit complete with tub fittings at right end and lavatory pipes to wall.		
Length of tub	4 1/4 Ft.	5 Ft.
Shipping weight, pounds	765	803
42DM7000 1/4—White	\$ 95.95	\$ 96.25
42DM7800 1/4—Colored	128.65	128.90
42DM7800 1/4	132.70	

If wanted with supply and waste pipes threaded for iron pipe add \$1.00 extra.

For Easy Payments see page 52.

When ordering colored outfits be sure to state color desired.

For concealed shower outfit, complete, as illustrated on page 31, add \$15.00.

PLYMOUTH BATHROOM OUTFIT

There is pleasure, pride and comfort in owning this de luxe Plymouth Bathroom Outfit. Its cheering beauty brings the spirit of sunshine into your home, and true distinction of design sets these fine appointments apart from others sold elsewhere at anywhere near this low price. Furnished in Ivory, Green, Orchid or White. All fittings are made of brass, chromium plated on colored outfits; nickel plated for fixtures in white. Genuine porcelain enamel, Triple A-A-A quality, permanently fused on tub and lavatory China closet is twice fired and deeply glazed.

Bathtub, cast in one piece, genuine porcelain enameled. Designed to be built in solid in corner of room. Tub is 31 1/4 inches wide over all at top; allow 7/8-inch for building into wall. Waste and supply fittings concealed in wall, with cross handle controls as illustrated.

Lavatory, attractive square pedestal design, 20x24-inch top, 11x15-inch bowl. Inside top and apron of lavatory as well as the pedestal are genuine porcelain enameled. Improved pop-up waste, quick compression faucets with handles marked "Hot" and "Cold," two 3/8-inch supply pipes, and trap to floor or wall.

Closet, vitreous earthenware tank and bowl of improved reverse trap design. Strong twin jet flushing action. Hardwood seat, coated with hand rubbed celluloid in color to match outfit.

Not Prepaid. See note at top of page.

Outfit with Lavatory Pipes to Wall		
Length of tub	5 Ft.	5 1/4 Ft.
Shipping weight, pounds	830	875

Complete with tub for right hand corner as illustrated.

42DM7010 1/2—White	\$ 96.75	\$ 99.95
42DM7810 1/2—Colored	130.85	134.90

Complete with tub for left hand corner.

42DM7011 1/2—White	\$ 96.75	\$ 99.95
42DM7811 1/2—Colored	130.85	134.90

Outfit with Lavatory Pipes to Floor

Outfit with Lavatory Pipes to Floor		
Length of tub	5 Ft.	5 1/4 Ft.
Shipping weight, pounds	830	875

Complete with tub for right hand corner.

42DM7012 1/2—White	\$ 97.50	\$ 100.70
42DM7812 1/2—Colored	131.85	135.90

Complete with tub for left hand corner.

42DM7013 1/2—White	\$ 97.50	\$ 100.70
42DM7813 1/2—Colored	131.85	135.90

If wanted with waste and supply pipes threaded for connection to iron pipe, add \$1.00 extra.

For Easy Payments see page 52.

For concealed shower outfit, complete, as illustrated on page 31, add \$15.00.



TERMS AS LOW AS
\$10.00 | **\$10.00**
DOWN PER MONTH

YOU NEEDN'T PAY ALL CASH

A Small Amount Per Month Equips Your Bathroom

DELMAR BATHROOM OUTFIT

In the ever popular Delmar combination, nothing is spared in quality of materials or in careful workmanship, to make it quite the equal of many similar outfits sold elsewhere up to one-third more. You can save the difference! Designed with special thought to the needs of the average home and the size of the average purse.

Bathtub is 30 inches wide over 3-inch roll rim; 16½ inches deep. Height from floor to top of tub, 22 inches. Cast iron, coated inside and over rim with glistening white porcelain enamel, outside painted one coat of white filler. Quick compression bath faucet, 1½-inch connected waste and overflow, and supply pipes to floor or wall.

Lavatory, one-piece cast iron, white porcelain enameled. Size, 17x19 inches, 6-inch back and deep apron. Bowl, 10½x13½ inches. Compression faucets, 1¼-inch trap, and ¾-inch supply pipes to floor or wall.

Closet, white vitreous china tank and bowl, siphon washdown action. Improved brass flushing mechanism, copper ball float and china flush lever. Supply pipe to floor and 2-inch slip joint elbow flush pipe to bowl. Seat, polished mahogany finish with solid brass bar hinge.

All trimmings are of brass, nicely nickel plated.

Shipping weight, 548 pounds.

Not Prepaid. See note at top of opposite page.

42DM7030½	Outfit complete, with 4½-foot tub,	\$51.90
lavatory and closet, with lavatory pipes to wall.....		\$51.95
Same as above, except with 5-foot tub.....		\$51.65
Same as above, except with 5½-foot tub.....		55.45
42DM7032½	Outfit complete, with 4½-foot tub, lavatory and closet, with lavatory pipes to floor.....	\$52.65
Same as above, except with 5-foot tub.....		52.70
Same as above, except with 5½-foot tub.....		56.25

If wanted with supply and waste pipes threaded for iron pipe, add \$1.00 extra.

For Easy Payments See Page 52



TERMS AS LOW AS
\$6
PER MONTH

\$51.90
CASH AND UP



OUTFIT COMPLETE
\$138.50 AND UP
IN
CASH COLOR

CLIFTON BATHROOM OUTFIT

To own our Clifton Bathroom Outfit is to discover new Sears-Roebuck value, and new Sears-Roebuck economy—for the Clifton holds fast to quality standards only equaled elsewhere at much higher cost. If you want sanitary, easy to keep clean bathroom fixtures, and a real saving besides, by all means choose the Clifton!

It's so easy to buy on our special Time Payment Plan. See page 52.

Bathtub, dustproof base type. Solid cast iron, inside double coated with white genuine porcelain enamel, outside painted one coat of white iron filler. Width, 30 inches; height, 22 inches; inside depth, 16½ inches. Nickel plated standing waste with china lifting knob, nickel plated supply pipes to floor, rapid compression bath faucet with white china handles.

Lavatory, 18x24 inches with 10-inch back, deep apron, 11x15-inch bowl. Cast iron, heavily glazed with genuine white porcelain enamel. Indexed compression faucet, 1¼-inch trap and ¾-inch supply pipes to wall or floor. All fittings are nickel plated brass.

Closet, white vitreous china tank and bowl. Siphon washdown type, latest flushing mechanism with copper ball float. China flush lever. Supply pipe to floor and 2-inch elbow flush pipe of nickel plated brass. Polished mahogany finish seat with solid brass bar hinge, nickel plated.

Shipping weight, 705 pounds.

Not Prepaid. See note at top of opposite page.

42DM7020½	Outfit complete, with 4½-foot tub, lavatory and closet, with lavatory pipes to wall.....	\$67.25
Same as above, except with 5-foot tub.....		\$67.50
42DM7022½	Outfit complete, with 4½-foot tub, lavatory and closet, with lavatory pipes to floor.....	\$68.00
Same as above, except with 5-foot tub.....		68.25

If wanted with waste and supply pipes threaded for connecting to iron pipe add \$1.00 extra.

For Easy Payments see page 52.

AVALON BATHROOM OUTFIT

Appealing beauty and faultless taste are inherent in this immaculate bathroom set. Similar to the Plymouth shown on opposite page, except that the tub has exposed fittings. This type installation is recommended where the built-in end of the tub is in an outside wall to avoid placing supply and waste pipes in the outside wall where they might freeze.

Complete outfit is furnished in Orchid, Ivory, Green or White. Fittings are all brass, chromium plated on colored fixtures; nickel plated when outfit is furnished in white.

Bathtub is one piece cast iron, double coated with genuine Triple A-A-A quality porcelain enamel. Corner design built-in tub, 5 feet long and 31½ inches wide over all at top; allow ½-inch for building into wall. Standing waste and supply pipes at exposed end of tub as illustrated.

Lavatory, modern pedestal design, genuine porcelain enamelled. Top is 20x24 inches; bowl, 11x15 inches. Compression faucets, pop-up waste, and supply pipes to wall.

Closet tank and bowl are twice fired vitreous china. New design reverse trap bowl, with large water area and strong twin jet flushing action. Tank has improved brass flushing mechanism, supply pipe to floor, and 2-inch elbow flush pipe. Seat and cover made of hardwood, coated with hand rubbed celluloid. Shpg. wt., 830 lbs.

Not Prepaid. See note at top of opposite page.

Outfit with Lavatory Pipes to Wall.	
Complete with tub for left hand corner.....	\$100.25
42DM7041½ —White.....	\$138.50
42DM7841½ —Colored.....	
Complete with tub for right hand corner.....	
42DM7040½ —White.....	\$100.25
42DM7840½ —Colored.....	138.50
Outfit with Lavatory Pipes to Floor.	
Complete with tub for left hand corner.....	
42DM7043½ —White.....	\$100.95
42DM7843½ —Colored.....	139.50
Complete with tub for right hand corner.....	
42DM7042½ —White.....	\$100.95
42DM7842½ —Colored.....	139.50

If wanted with waste and supply pipes threaded for iron pipe add \$1.00 extra. For Easy Payments see page 52.

Be sure to give color desired.



EASY PAYMENTS
AS LOW AS
\$7.00 PER MONTH

CLOSET SEATS in COLORS



New modern closet seats, in gleaming white or beautiful colors. Made of solid birchwood, with heavy coating of genuine hand rubbed celluloid. Sanitary, easy to keep clean. Also furnished in wood, oak or mahogany finish, beautifully polished. Solid brass bar hinge, heavily nickel plated, fits any closet. First five seats listed below are regular oval design, like illustration above at right.

42D1864	1/4—White, Postpaid	\$4.45
42D1865	1/4—Green, Postpaid	4.50
42D1868	1/4—Orchid, Postpaid	4.50
42D1866	1/4—Golden Oak, Postpaid	2.50
42D1867	1/4—Mahogany finish, Postpaid	2.50
42D1869	1/4—Open front seat, like small illustration above at left. White only. Postpaid	\$4.80



De Luxe Opal Glass Shelf

Opal, white or colored glass shelf with ground edges and corners. Porcelain enameled brackets to match. Postpaid.

Size, Inches	White	Green	Orchid
5x18..	\$1.25	\$1.30	\$1.30
5x24..	1.50	1.55	1.55



De Luxe Towel Bars

Bar and brackets are porcelain enameled. Postpaid.

1/4-in. diam. White	Green	Orchid	1 1/8-in. diam. White	Green	Orchid	
42D290	42D290	42D290	42D289	42D289	42D289	
15 in. long	60c	60c	60c	18 in. long	\$0.76	\$0.76
18 in. long	64c	64c	64c	24 in. long	.90	.90
24 in. long	76c	76c	76c	30 in. long	1.00	1.00



De Luxe Tumbler Holder

Porcelain enameled white or colors. Postpaid.

42D285 **45c**

White.....

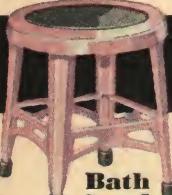
42D7285 **45c**

Green.....

42D8285 **45c**

Orchid.....

For tumbler see opposite page.



Bath Stool

Well made of steel, enamel finish. Non-slip covered top, 11 inches across, rubber tipped legs, 13 in. high.

Postpaid.

42D202 **1/2 \$1.58**

White.....

42D7202 **1/2 \$1.58**

Green.....

42D8202 **1/2 \$1.58**

Orchid.....



De Luxe Wall Soap Dish

Cast iron porcelain enameled bracket with removable opal glass tray. Size, 4 3/4x5 1/4 inches.

Postpaid.

42D284 **75c**

White.....

42D7284 **75c**

Green.....

42D8284 **75c**

Orchid.....

Steel Bathroom Cabinet

Steel bathroom cabinet with charming plate glass Venetian mirror which completely conceals the cabinet. Mirror is daintily etched, and attached with attractive metal rosettes. White enameled cabinet.

42D300 **1/4 \$13.50**

Steel cabinet to recess in wall opening 14x18 inches, 4 inches deep; with 2 glass shelves and 16x24 inch mirror. Postpaid.....

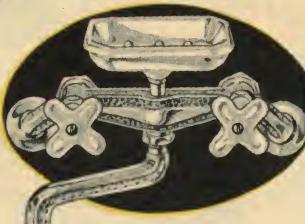
42D307 **1/4 \$7.95**

Steel cabinet, white enameled finish, to hang on wall, 12x18x5 inches, outside measurement; mirror, 12x20 inches; 2 steel shelves. Postpaid.....



For Prices and Description of Above Sink and Gas Heater at Right see Opposite Page.

\$495
Postpaid



SINK MIXING FAUCET

You will appreciate the advantages of this handsome swing spout faucet. With it you can easily regulate water to any temperature you desire. Faucet has wide adjustment from 3 1/2 to 9 inches, center to center of supply pipes; will fit any standard sink. Made of solid brass, heavily plated with chromium; compact design. Furnished with or without soap dish. Beautiful hammered metal effect with china handles lettered "Hot" and "Cold" and low design china soap dish.

42D399—Faucet with soap dish. Postpaid..... **\$4.95**

42D398—Faucet without soap dish. Postpaid. **4.55**



SHOWER BATH OUTFIT

This shower bath outfit consists of 24-inch curtain ring with shower head and bracket for attaching to wall, as well as rubber tube with handy slip-on faucet connection. The face of the shower head is easily removed for cleaning. Metal parts are made of brass, nicely nickel plated and polished. Furnished complete with beautiful orchid or green rubberized curtain, size, 6x6 feet, with nickel plated curtain hooks and screws for fastening curtain ring to wall. Note that with this type shower you can avoid wetting the hair if desired.

42D220 **1/4**
With orchid curtain. Postpaid..... **\$7.75**

42D221 **1/4**
Same as above, except color of curtain is Nile Green. Postpaid..... **\$7.75**

42D222 **1/4**
Same as above, except curtain is heavy 8-ounce double filled White duck. Postpaid..... **\$6.75**

42D224 **1/4**
Shower outfit only, less curtain. Postpaid..... **4.50**



Shower Bath Curtains In Beautiful Colors

Shower Bath Curtains to suit the conservative as well as the more elaborate interior are listed in fine quality Rubberized rayon fabrics made to conform with the most rigid specifications.

42D217 **1/4**
Standard 6x6-ft. rubberized shower curtain, for use on portable or built-in shower outfit. Beautiful Nile Green color, with attractive pattern in same shade. Curtains are hemmed and stitched on all sides and have nickel plated grommets or eyelets along top edge.

Postpaid..... **\$4.75**

42D215 **1/4**
Same as above, except color is Orchid. Postpaid..... **\$4.75**



Pearl Closet Seats

Modern closet seats in white or beautiful colors with pearl effect. These closet seats are moisture-proof. Will not chip, peel or discolor under normal use. Brass bar hinge, chrome plated, will fit any standard closet bowl. Postpaid.

42D1873—White. **\$13.75**

42D1874—Green. **13.75**

42D1875—Orchid. **13.75**



Bath Mat

Made of soft springy rubber, this bath mat is sanitary, easy to keep clean. Jade green with corner design in white. Size, 18x30 inches, with rounded corners; full 3/8-inch thick. Can be used also as a kneeling pad.

42D264—Postpaid. **\$2.45**

Mayfair "Three 8's" Sink

Illustrated on Opposite Page

This sink will add beauty to your modern kitchen. Its spacious sink compartment and two drain boards make for double efficiency and convenience. Sink is 8 inches deep with a low 8-inch back and 8-inch apron. Designed especially to be placed under windows. Equipped with a special combination top spout sink faucet, double removable 5-inch cup strainer, two porcelain enameled adjustable legs and trap to floor drain. Heavy cast iron, coated with genuine Triple A-A-A porcelain enamel in White, Green, Orchid or Ivory. State color wanted. For illustrations of enameled ware in Orchid and Ivory colors, see pages 26 and 27. All fittings are brass, heavily chromium plated. For other sinks see pages 34 and 35.

Entire length, 60 inches.	Shpg. wt., 380 lbs. Not Prepaid.
Sink complete with trap to wall.	42DM5180 1/2—White \$58.90 42DM5880 1/2—Colored 72.40
Sink complete with trap to floor.	42DM5181 1/2—White 59.90 42DM5881 1/2—Colored 73.40
Sink with legs and strainer, no fittings.	42DM5182 1/2—White 49.90 42DM5882 1/2—Colored 62.40

Shipped from Central New Jersey. Not Prepaid. Allow three to four weeks for shipment of color enameled sink. For Easy Payments, see page 52.

Only \$5.00 DOWN and \$5.00 A MONTH

Brings You This Improved Automatic Gas Water Heater

Illustrated on Opposite Page

Beauty and high operating efficiency are combined in this fine quality Automatic Storage Gas Water Heater. Compare it only with the best, but save the difference! With an improved positive acting safety control and with genuine aircell asbestos insulation entirely surrounding the tank, it offers value out of all proportion to our low price. Entirely automatic in operation and very economical of fuel. Gas is consumed only according to hot water used. When the water in the tank is heated to the proper degree, the gas is turned down automatically, leaving only a low pilot light. Heat from burner passes up through inner flue containing baffle plate, which doubles the flue gas travel. A heavy thickness of genuine aircell asbestos insulation holds the heat in and saves fuel.

Tested and Approved by A. G. A.

Hercules Water Heaters are approved by the American Gas Association. Made of high grade copper bearing metal, double extra heavy, tested to 300 pounds pressure. Burner is cast in one piece in accordance with principles of construction recommended by the Bureau of Standards. Inner flue is of large diameter, giving about 300 square inches of heating surface. Snap action adjustable thermo valve, and automatic safety pilot provided, as regular equipment. Water connections threaded for 3/4-inch pipe. Heater is beautifully finished in green and cream. Burns natural or artificial gas. State which type burner is wanted.

42DM1810 1/4—With 20-gallon tank capacity.	\$39.95
Shipping weight, 200 lbs. Not Prepaid Cash Price.....	\$43.95
Time payment price, \$5.00 Down, \$5.00 a month.....	\$43.95
42DM1811 1/4—With 30-gallon tank capacity.	\$49.85
Shipping weight, 270 lbs. Not Prepaid. Cash Price.....	\$49.85
Time payment Price, \$5.00 Down, \$5.00 A Month.....	\$54.85

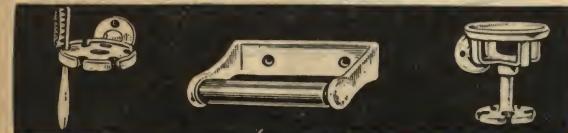
When ordering on Easy Payments, Use Time Payment Order Blank Enclosed.

BATHROOM TRIMMINGS

Now furnished in beautiful colors as well as in white, these De Luxe Porcelain Enamelled Fixtures will add a touch of cheer and smartness to any bathroom. Hard smooth finish; easy to clean. Enamelled capped screws included. For actual colors see soap dish, towel bar, etc. on opposite page.



De Luxe Tumbler	De Luxe Double Bathrobe Hook	De Luxe Bathtub Soap Dish
Plain white or colored glass.	42D291	Hangs over rim of tub. Size, 3 1/4 x 4 1/4 in.
42D231 White Postpaid 10c	White, each... 15c 1/2 doz. 85c	42D293 White. Postpaid..... 85c
42D7231 Green Postpaid 10c	Green, each... 15c 1/2 doz. 85c	42D7293 Green. Postpaid..... 85c
42D8231 Orchid Postpaid 10c	Orchid, each... 15c 1/2 doz. 85c	42D8293 Orchid. Postpaid..... 85c



De Luxe Toothbrush Holder	De Luxe Toilet Paper Holder	De Luxe Toothbrush and Tumbler Holder
42D292 White Postpaid 27c	Has black wood roller; hard porcelain enameled brackets.	42D286 White Postpaid..... 64c
42D7292 Green Postpaid 27c	42D281—White Postpaid..... 30c	42D7286 Green Postpaid 64c
42D8292 Orchid Postpaid 27c	42D7281—Green Postpaid 30c	42D8286 Orchid Postpaid 64c
Holds 5 brushes. Brush is not included.	42D8281—Orchid Postpaid..... 30c	42D223 Postpaid..... 72c

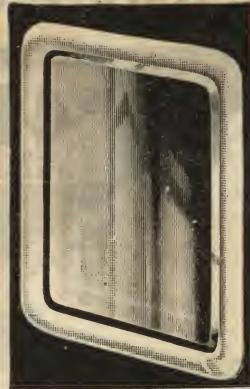
SEARS, ROEBUCK AND CO.

Terms as Low as
\$5
Down
\$5
A Month

Bevel Plate Mirrors

\$3.85
and up
Postpaid

Made of high quality polished and beveled plate glass. Frames are of wood, approximately 1 1/2 in. wide, and are beautifully finished in snow white enamel. These fine quality mirrors are especially appropriate for bath rooms.



42D299 1/4	Each, Postpaid.	\$3.85
12x16 inches.		4.75
12x20 inches.		6.40

Clear Crystal Glass Towel Bars



Have Nickel Plated Brass Posts.

42D250	1 in. in diameter. We Pay the Postage.	42D251	1 in. in diameter. We Pay the Postage.
15-in. length... 70c		18-in. length... 80c	
18-in. length... 72c		24-in. length... 115c	
24-in. length... 78c		30-in. length... 130c	

Nickel Plated Brass Towel Bars



42D242	1/2 in. in diameter. We Pay the Postage.	42D243	1/2 in. in diameter. We Pay the Postage.
15-in. length... 52c		15-in. length... 63c	
18-in. length... 55c		18-in. length... 66c	
24-in. length... 63c		24-in. length... 78c	

Double Arm Towel Bar

about 12 inches.	42D256—Postpaid..... 90c
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42D265 1/4—Clear Crystal Glass Shelf.	We Pay the Postage.
Plate glass with bulb edge at front, prevents articles rolling off. Nickel plated brass brackets.	

5x18 in..... 95c; 5x24 in..... \$1.10



42D266 1/4—Crystal Glass Shelf and Towel Bar.	Same as 42D265 1/4, except has glass towel bar under shelf.
We Pay the Postage.	

5x18 in..... \$2.25; 5x24 in..... \$2.35
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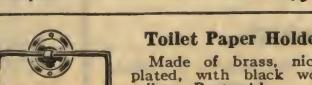


Soap Holder	Nickel plated frame with removable opal glass dish. Size, 4x5 1/2 inches.
42D213 Postpaid..... 72c	

Soap Dish	Nickel plated brass. Held between faucets with springs. Size, 4 1/2 x 6 inches.
42D219 Postpaid..... 78c	



Bathtub Soap Dish	Nickel plated. Fits over rim of tub. Size, 4x5 1/2 inches.
42D223 Postpaid..... 72c	



Toilet Paper Holder	Made of brass, nickel plated, with black wood roller. Postpaid.
42D276..... 25c	

Have a Cooling Shower in Any Bath Tub

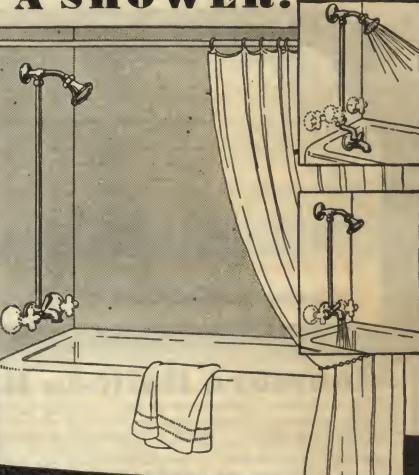


Friction Shower Brush

Only \$1.98

POSTPAID
42D274—Postpaid..... \$1.98

YOU CAN ADD A SHOWER!



A complete shower unit that can be used with any style built-in tub. Easy to install. No cutting into walls, nothing complicated. Simply remove the tub spout and attach the unit as shown. Complete with shower head, pipe, wall brackets and spout with diverter valve for turning water into shower or tub as desired. All nickel plated brass. We Pay the Postage.

42D232 1/4—Shower unit only, without curtain, holdback, or curtain rail, for over rim tub filler. \$6.75

42D233 1/4—Same for spout in tub.... 6.85

Curtain, curtain rail, etc. for above shower. 42D234—Green rubberized curtain, holdback, and curtain rail for 5-foot recess tub..... \$5.25

42D235—Same for 5 1/2-foot recess tub..... 5.65

42D236—Same for 5-foot corner tub..... 9.00

42D237—Same for 5 1/2-foot corner tub..... 9.50

High Grade Bath Spray



Here is your chance to have a luxurious shampoo or a delightfully refreshing shower after your bath, with just the use of this high grade spray. Has a 3-inch spray head, nickel plated brass, with rubber ring protector, easily attached to bathtub faucet. Five feet of 5/8-inch finest quality red rubber tubing is attached to spray head.

42D258—Postpaid..... 59c

The Knickerbocker "Junior" Shower Bath Spray, similar to above, except has detachable perforated rubber massage brush and 2 1/2-inch perforated brass spray head, will entice you to bathe just in order to have the enjoyment of an invigorating shower massage. Brush is made of high grade rubber and slips over metal spray head. Water flows out through rubber teeth of massage brush. This method of applying both water and brush to the skin cleanses the pores and stimulates the circulation. Tubing is made of fine quality red rubber.

42D267—Postpaid..... 98c

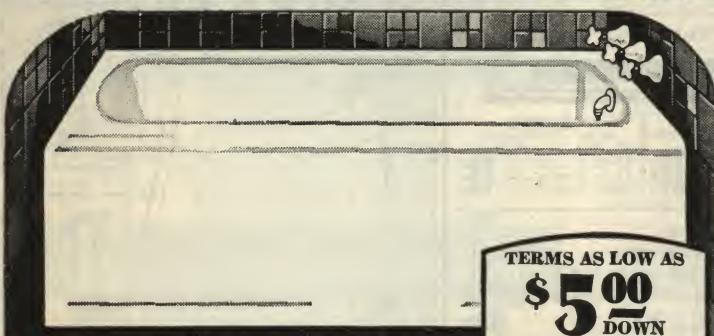
DOUBLE COATED PORCELAIN ENAMELED IN WHITE OR COLORS

Venetian Built-in Corner Bathtub



TERMS AS LOW AS

\$5.00 DOWN \$5.00 MONTH



Alhambra Built-in Recess Bathtub

The distinctive appearance of this alluring bathtub will appeal with force to discerning buyers. Flawless quality through and through, clothed in beauty of design and gleaming finish! Coated with glistening genuine Triple A-A-A porcelain enamel in White, Green, Orchid or Ivory, fused on heavy cast iron. For illustrations showing actual colors of enameled ware, see pages 26 and 27. Waste and supply fittings, all brass, are concealed in the wall. All exposed fittings on white tubs are nickel plated; the fittings on colored tubs are chromium plated.

Add \$15.00 extra for concealed Shower Outfit as shown on opposite page, complete with controls, curtain, etc.

Tub is 31 1/4 inches wide overall; allow 7/8-inch for building into wall. Illustration shows tub with fittings at right end. Be sure to state color wanted.

Not Prepaid. See note at bottom of page.

Tubs with spout on inside of tub, concealed overflow, and waste controlled by handle on wall, as illustrated. No chain or stopper necessary.

Length of Tub..... 4 1/4 ft. 5 ft. 5 1/4 ft.

Shpg. wt., lbs..... 445 484 536

With fittings at right hand end.

42DM4162 1/2-White..... \$49.45 \$49.70 \$52.80

42DM4862 1/2-Colored..... 60.85 61.10 65.00

With fittings at left hand end.

42DM4163 1/2-White..... 49.45 49.70 52.80

42DM4863 1/2-Colored..... 60.85 61.10 65.00

Tub only, without fittings. Has openings for fittings at right end.

42DM4164 1/2-White..... 36.45 36.70 39.80

42DM4864 1/2-Colored..... 45.60 45.85 49.75

Tub only, without fittings. Has openings for fittings at left end.

42DM4165 1/2-White..... 36.45 36.70 39.80

42DM4865 1/2-Colored..... 45.60 45.85 49.75

Tubs with over-rim spout, mixing valve, connected waste and overflow, with chain and rubber stopper. For Trip Lever Waste and Overflow as illustrated on opposite page, add \$2.75 extra.

With fittings at right hand end.

42DM4160 1/2-White..... 46.45 46.70 49.80

42DM4860 1/2-Colored..... 59.60 59.85 63.75

With fittings at left hand end.

42DM4161 1/2-White..... 46.45 46.70 49.80

42DM4861 1/2-Colored..... 59.60 59.85 63.75

For iron pipe threads add 50c to price of tub complete.

See Page 52 for Easy Payment Terms.

WHEN ORDERING PLEASE NOTE:

All bathtubs on this and the opposite page, except the white Sheet Steel bathtub, are shipped from CENTRAL NEW JERSEY. White tubs are shipped promptly. Allow three to four weeks for shipment of color enameled tubs.

Read specifications carefully as to tubs with fittings for right or left end, etc., and be sure to order correctly.

WE DO NOT PAY FREIGHT

Estimated freight charges on cast iron bathtubs per 100 pounds: 150 miles, 70c; 200 miles, 82c; 250 miles, 86c.

\$41.75
CASH
AND UP
TUB ONLY

Presented now in gleaming white or striking colors, this is a truly modern tub which rivals the most expensive patterns on the market, and makes you a handsome saving besides.

The Venetian is made of heavy cast iron in one piece, coated with genuine Triple A-A-A porcelain enamel in White, Green, Orchid or Ivory—a hard, glass-smooth surface permanently fused on. For illustrations showing actual colors, see pages 26 and 27. Waste and supply fittings are solid brass, concealed in the wall. All exposed fittings on white tubs are nickel plated; on colored tubs the fittings are chromium plated. A concealed shower outfit as illustrated on opposite page can be had for \$15.00 extra, complete. Width of tub, 31 1/4 inches over all; allow 7/8-inch for building into wall. Illustration shows tub for left hand corner.

Not Prepaid. See note at bottom of page.

Be sure to give color desired.

Tubs with spout on inside of tub, concealed overflow, and waste controlled by handle on wall. No chain or rubber stopper necessary.

Length of Tub..... 5 ft. 5 1/4 ft.

Shpg. wt., lbs..... 514 564

Tub with fittings for left hand corner.

42DM4173 1/2-White..... \$54.75 \$58.10

42DM4873 1/2-Colored..... 67.45 71.60

Tub with fittings for right hand corner.

42DM4172 1/2-White..... 54.75 58.10

42DM4872 1/2-Colored..... 67.45 71.60

Tub only, for left hand corner.

42DM4175 1/2-White..... 41.75 45.10

42DM4875 1/2-Colored..... 52.20 56.35

Tub only, for right hand corner.

42DM4174 1/2-White..... 41.75 45.10

42DM4874 1/2-Colored..... 52.20 56.35

Tubs with over-rim spout, mixing valve, connected waste and overflow with chain and rubber stopper. For Trip Lever Waste and Overflow, as illustrated on opposite page, add \$2.75 extra.

Tub with fittings for left hand corner.

42DM4171 1/2-White..... \$51.75 \$55.10

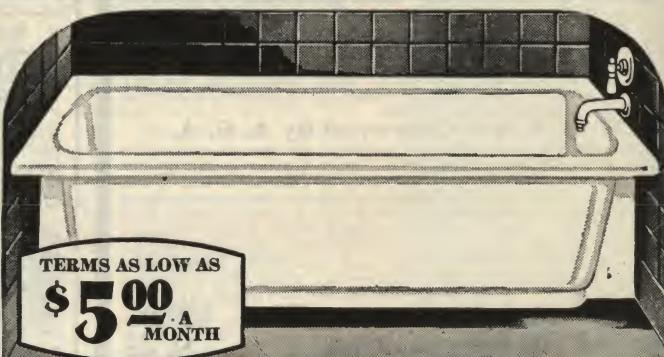
42DM4871 1/2-Colored..... 66.20 70.35

Tub with fittings for right hand corner.

42DM4170 1/2-White..... 51.75 55.10

42DM4870 1/2-Colored..... 66.20 70.35

For iron pipe threads, add 50c to price of tub complete. See Page 52 for Easy Payment Terms.



Roanoke Built-in Recess Bathtub

The pleasing appearance of this smart built-in tub at our low price is proof that beauty and matchless quality do not necessarily mean high price. Made of heavy cast iron, covered inside and over rim with fused-on white porcelain enamel. Triple A-A-A quality. Outside is painted one coat of white iron filler. Mixing valve and over-rim spout, concealed waste and overflow with chain and rubber stopper. For Trip Lever Waste and Overflow as illustrated on opposite page, add \$2.75 extra. Illustration shows tub with fittings at right hand end. Be sure to order correct tub. Add \$15.00 extra for Concealed Shower Outfit as illustrated on opposite page, complete with controls, curtain, etc. **Not Prepaid.** See Note at bottom of page.

Length of tub..... 4 1/4 ft. 5 ft. 5 1/4 ft.

Shipping Weight, lbs..... 374 420 465

42DM4150 1/2-Tub with fittings at right end.

42DM4152 1/2-Tub with fittings at left end.

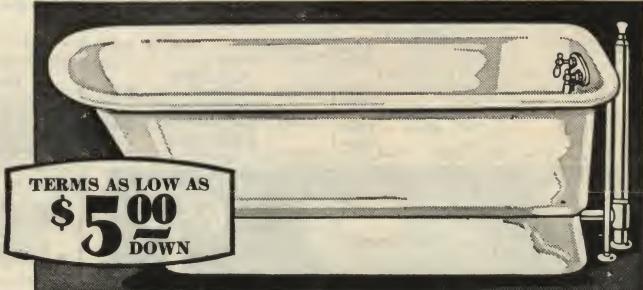
42DM4152 1/2-Tub only, without fittings.

Has openings for fittings at right hand end.... 31.80 32.00 34.50

42DM4153 1/2-Tub only, without fittings.

Has openings for fittings at left hand end.... 31.80 32.00 34.50

For iron pipe threads add 50c to price of tub complete. See Page 52 for Easy Payment Terms.



Marquette Sanitary Base Bathtub

Made of cast iron with dustproof base. White porcelain enameled inside and over rim; outside painted white. Width, 30 inches; depth inside, 16 inches; height, 22 inches. Standing waste with china knob, bath faucet and supply pipes.

Not Prepaid. See note at left. For Easy Payments see page 52.

Length of Tub..... 4 1/4 ft. 5 ft.

Shipping weight, pounds..... 327 380

42DM4120 1/2-Tub completed with fittings..... \$37.85 \$38.10

42DM4121 1/2-Same, but with connected waste and overflow like Brookside tub on opposite page, using chain and rubber stopper.....

42DM4122 1/2-Tub only, without fittings..... 33.35 33.60

For iron pipe threads add 50c to price of tub complete.

EASY TERMS as Low as \$5.00 A MONTH

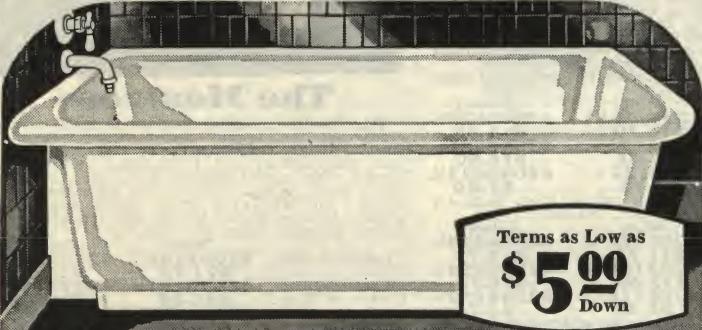
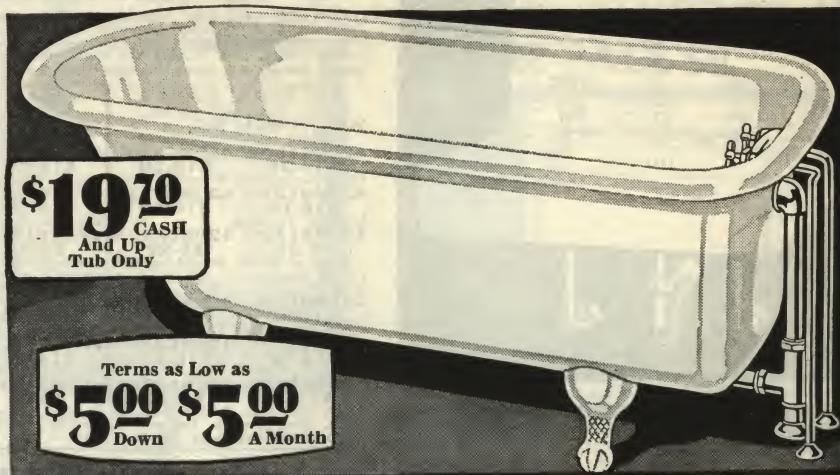
Rockbottom Prices—The Lowest in Years!

This bathtub, one of our most popular models, is at this low price a most unusual value. Made of heavy cast iron, coated inside and over rim with genuine white porcelain enamel. Outside is painted white. Depth, 16½ inches; height, 22 inches. Regular 30-inch width, or narrow 26-inch width, to fit any size bathroom. Quick compression bath faucet with white china handles, connected waste and overflow, and offset supply pipes to floor as illustrated.

Not Prepaid. See note at bottom of opposite page.
Standard width tub, 30 inches wide overall, 3-inch rim.
Length of tub 4½ Ft. 5 Ft. 5½ Ft.
Shpg. wt., lbs. 290 322 350
42DM4110½—Tub complete with fittings, as illustrated \$25.20 \$25.25 \$28.75
42DM4111½—Same, but with standing waste like Marquette tub on opposite page 29.70 29.75 33.25
42DM4112½—Tub with legs, but no fittings 19.70 19.75 23.25

Narrow Bathtub—Overall width, 26 inches. For use in narrow bathrooms, 2-inch rim.
Length of tub 4½ Ft. 5 Ft.
Shpg. wt., lbs. 252 306
42DM4114½—Tub complete, connected waste and overflow \$25.20 \$25.25
42DM4115½—Same, but with standing waste like Marquette tub on opposite page 29.70 29.75
42DM4116½—Tub with legs, but no fittings 19.70 19.75

For iron pipe threads, add 50¢ to price of tub complete. See page 52 for Easy Payment Terms.



Marlboro Built-in Corner Bathtub

Designed to be built in on one side and one end. Cast iron, heavily coated inside and over rim with Triple A-A-A porcelain enamel. Outside painted white. Length, 5 ft.; width, 29 inches over 3-inch roll rim; 17½ inches deep. Improved mixing valve, over rim spout, connected waste and overflow with chain and rubber stopper. For Trip Lever Waste as illustrated below, add \$2.75. All exposed fittings nicely nickelized. Concealed Shower Outfit as illustrated at right below is \$15.00 extra, complete. For Easy Payments see page 52. Shipping weight, 385 pounds.

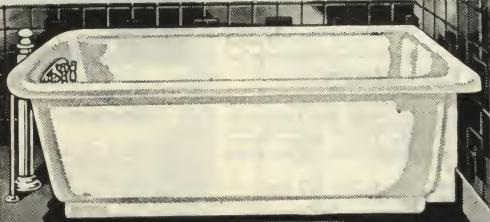
Not Prepaid. See note at bottom of opposite page.
For Left Hand Corner, as Illustrated. **42DM4131½**—Tub complete with fittings \$43.80
only, without fittings 31.80
For Right Hand Corner. **42DM4132½**—Tub complete with fittings \$43.80
only, without fittings 31.80

For iron pipe threads, add 50¢ to price of tub with fittings.

Virginia Bathtub

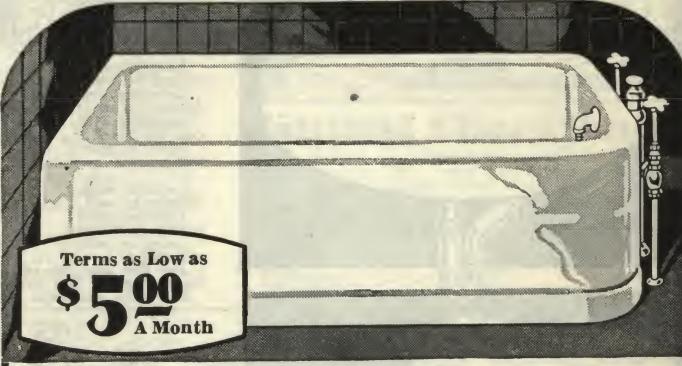
Same as Marlboro above, except has exposed fittings and standing waste. Illustration shows tub for right corner. Be sure to order correctly. For iron pipe threads add 50¢ to price of tub with fittings. Shpg. wt., 405 lbs.

Not Prepaid. See note on opposite page.
42DM4142½—Tub for right hand corner, as shown, complete \$41.80
42DM4144½—Same, but without fittings \$31.80



42DM4143½—Tub for left hand corner, with fittings \$41.80
42DM4145½—Same, but without fittings \$31.80

WE SAVE YOU MONEY



Princeton Built-in Corner Bathtub

One of our most handsome tubs, similar to the Venetian on opposite page, except that the fittings are exposed at the open end of the tub instead of concealed in the wall. This style tub is used where the built-in end of the tub is placed on an outside wall. As water pipes and fittings should never be placed in an outside wall, on account of the danger of freezing, the fittings of the Princeton are placed at the opposite or exposed end of the tub. Made of flawless cast iron in one piece, coated inside and out with genuine porcelain enamel, Triple A-A-A quality, in White, Green, Orchid or Ivory. For illustrations showing actual colors of enameled ware, see pages 26 and 27. Length, 5 ft. Width over all, 31½ inches; allow ½ inch for building into wall. Depth inside, 16½ inches. Has standing waste and supply pipes as shown, with white china cross handles for hot and cold water, and china lifting knob for waste. All exposed fittings on white tubs are brass, nickel plated; fittings on colored tubs are chromium plated. Illustration shows tub for left hand corner; be sure to order correctly. Shipping weight, 525 lbs.

Be sure to give color desired.

Not Prepaid. See note at bottom of opposite page.

Tub for left hand corner, complete with fittings. **42DM4181½**—White. \$58.25
42DM4881½—Colored. 75.20

Tub only, for left hand corner. **42DM4183½**—White. \$41.75
42DM4883½—Colored. 52.20

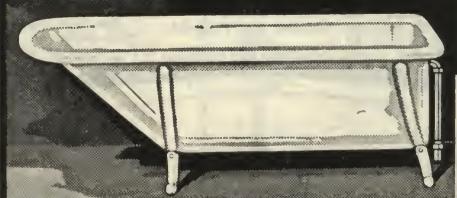
Tub only, for right hand corner. **42DM4184½**—White. \$41.75
42DM4884½—Colored. 52.20

For iron pipe threads, add 50¢ to price of tub complete. See page 52 for Easy Payment Terms.

Trip Lever Waste and Overflow

This combination bathtub fitting, adapted and recommended for built-in tubs with over rim spouts, eliminates rubber stopper and chain. Made of heavy gauge 1½-inch seamless brass tubing, with nickel plated overflow and waste openings. Waste or drain is operated by lifting lever. The waste stop seats perfectly and forms an absolute water seal. It cannot leak. Special design, self-cleaning waste discharge; will not clog. Easy to install and can be adjusted from the face of the outlets. Shpg. wt., 6 lbs.

42DM382 Not Prepaid. \$5.15



\$1175
And Up

White Sheet Steel Bathtub

A very serviceable lightweight sheet steel bathtub, nicely finished in glossy white enamel. Legs are extended up the sides to give added strength. This tub may be permanently connected in your bathroom by the addition of supply pipes and drain, or can be used as a portable tub without plumbing connections. Has white enameled connected waste and overflow threaded for one-inch iron pipe. Bath faucet and supply pipes not included. Width over all, 27½ inches. Shipped from Detroit, Michigan. Not Prepaid. Shpg. wt., 30 lbs.

42DM3701½—Length, 5 ft. \$11.75
42DM3702½—Length, 5½ ft. \$12.00
42DM3703½—Length, 6 ft. 12.50

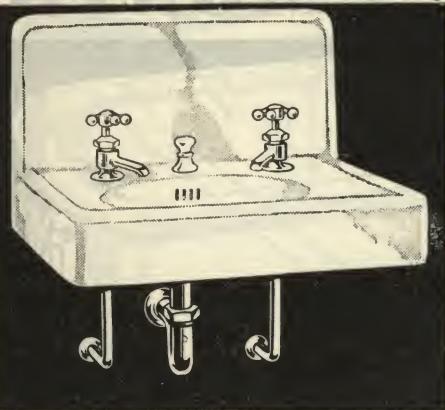


Improved Concealed Shower Outfit

In this new development, an extra set of controls is eliminated by diverter valve which turns water into tub or shower as desired. Simply temper water at tub spout, then turn center valve and divert water to shower head. Outfit can be used with any built-in tub having concealed fittings. Consists of china wall controls, nickel plated brass shower head with swivel joint, pipe and connections from valves to shower head. Also 1-inch curtain rail, curtain rings, and beautiful rubberized curtain, 6x6 ft., green or orchid color; State color in ordering. L-shaped curtain rail and 8½x6-ft. curtain furnished for corner tubs. All piping concealed in wall. Average shipping weight, 27 lbs.

Your Choice of White or Colors—All Priced to Save!

The Hawthorne



One piece cast iron, heavily porcelain enameled in White, Green, Orchid or Ivory. Indexed compression faucets, metal plug, trap and supply pipes to floor or wall and improved pop-up waste. All fittings are brass, nickel plated. Chrome plated fittings are furnished with colored fixtures.

Size of slab, 17x21 in. Bowl, 10x14 in. Back, 8 in. high. Shpg. wt., 100 lbs. With Fittings to Wall.

White Colored
42DM6130% 42DM6830%
\$14.35 \$18.20

With Fittings to Floor.

42DM6131% 42DM6831%
\$15.10 \$19.20

Without Fittings.

42DM6132% 42DM6832%
\$7.35 \$9.20

Same as above, except instead of pop-up waste has chain and rubber stopper.

With Fittings to Wall.

42DM6136% 42DM6836%
\$12.10 \$16.20

With Fittings to Floor.

42DM6137% 42DM6837%
\$12.85 \$17.20

Without Fittings.

42DM6138% 42DM6838%
\$7.35 \$9.20

For iron pipe threads add 50c to price of lavatory with fittings. Not Prepaid. See note at bottom of page.

For Easy Payments see page 52.

The Pentwater

This popular lavatory is made of cast iron, heavily coated with porcelain in White, Green, Orchid or Ivory. Will give unlimited years of service. Indexed compression faucets, metal plug, chain and rubber stopper, trap and supply pipes to floor or wall. All fittings are brass, nickel plated. Chrome plated fittings are furnished with colored fixtures.

Top slab is 17x19 in.; bowl, 10x13½ in. back, 6 in. high. Shpg. wt., 80 lbs.

Lavatory with White Colored
42DM6120% 42DM6820%
\$10.20 \$14.60

Lavatory with White Colored
42DM6121% 42DM6821%
\$8.45 \$11.60

Lavatory with White Colored
42DM6122% 42DM6822%
\$8.95 \$11.60

Same as above, except slab, 18x21 inches; bowl, 10½x14½ inches; back, 8 inches high. Shpg. wt., 100 lbs.

Lavatory with White Colored
42DM6123% 42DM6823%
\$11.75 \$15.75

Lavatory with White Colored
42DM6124% 42DM6824%
\$12.50 \$16.75

Lavatory with White Colored
42DM6125% 42DM6825%
\$6.95 \$8.75

For iron pipe threads add 50c to price of lavatory with fittings. Shipped Not Prepaid. See note at bottom of page.

For Easy Payments see page 52.

Single Stream Lavatory Fixture

Classic beauty and utmost utility are pleasingly combined in this new lavatory fixture. Has only one spout, so water can be tempered as desired. Equipped with improved pop-up waste, as illustrated. Faucets have swivel discs which seat easily and eliminate dripping. Fixture is adjustable to fit any lavatory that is drilled for pop-up waste. Union tailpieces on faucets for regular ¼-inch iron pipe connections. Easily installed. We Pay the Postage.

42D381½-Chromium plated \$9.75

42D380½-Nickel plated 8.95

Ambassador Vitreous Lavatory

This modern lavatory is made of stainless vitreous china in White, Green, Orchid or Ivory. It is twice-fired and deeply glazed. Not affected by acids and chemicals, and will retain its smooth, glossy finish indefinitely. Furnished with or without leg. Roomy top slab, 18x20 inches; bowl, 11x15 inches; back, 6 inches high. Indexed compression faucets, pop-up waste, trap and supply pipes to floor or wall, all nickel plated. Chrome plated fittings furnished with colored fixtures.

With Leg. Shpg. Wt., 88 lbs.
With fittings to wall.

White Colored
42DM1885% 42DM1891%
\$20.50 \$32.00

With fittings to floor.

42DM1886% 42DM1892%
\$21.25 \$33.00

Without fittings.

42DM1887% 42DM1893%
\$13.50 \$23.00

For iron pipe threads add 50c to price of lavatory with fittings. Shipped Not Prepaid.

If wanted with special Single Stream Fixture illustrated above, add \$5.00 for nickelized finish or \$5.75 for chrome finish.

The Champlain

A nicely finished inexpensive lavatory. Cast iron white porcelain enameled. Compression faucets with index tops, metal plug, trap and supply pipes. All fittings are brass, nickel plated. Size of slab, 17x19 inches; bowl, 10x14 inches; back, 6 in. high. Shipping weight, 60 lbs.

42DM6100%—With fittings to wall \$10.15

42DM6101½—With fittings to floor \$10.90

42DM6102½—Lavatory without fittings \$5.40

For iron pipe threads add 50c to price of lavatory with fittings.

Shipped Not Prepaid. See note below.

WHEN ORDERING PLEASE NOTE: All Lavatories on this page except the Ambassador are shipped from factory in Central New Jersey. Not Prepaid. The Ambassador is shipped from our store. Lavatories listed in colors can be furnished in Green, Orchid, or Ivory, as shown on Bathroom Outfits pages 26 and 27. Be sure to state color wanted, and allow three to four weeks for shipment of colored ware. Estimated Freight Charges on Lavatories per 100 pounds: 150 miles, 52¢; 200 miles, 62¢; 250 miles, 64¢.

We
Do Not
Pay
Freight



WHITE \$2175
Cash Complete

The Montrose

This beautiful pedestal lavatory is made of high grade cast iron, heavily coated with porcelain enamel in White, Green, Orchid or Ivory. Large top slab, 20x24 inches; bowl, 11x15 inches. Compression faucets with indexed handles, metal plug, trap and supply pipes to wall or floor, and improved pop-up waste. All fittings of brass, handsomely nickel plated. Chrome plated fittings are furnished with colored fixtures. Shpg. wt., 130 lbs.

White Colored
42DM6160% 42DM6860%
\$21.75 \$29.15

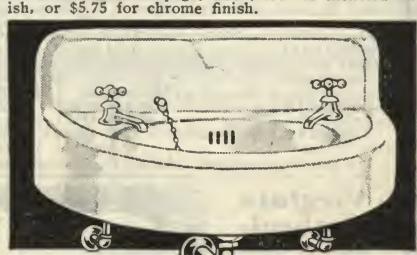
Lavatory with 42DM6161½ 42DM6861½
fittings to floor. \$22.55 \$29.15

Lavatory with 42DM6162½ 42DM6862½
out fittings. \$15.30 \$19.15

For iron pipe threads add 50c to price of lavatory with fittings. Shipped Not Prepaid. See note at bottom of page.

For Easy Payments see page 52.

If wanted with Special Single Stream Fixture illustrated in center of page, add \$5.00 for nickelized finish, or \$5.75 for chrome finish.



Space Saver For Narrow Rooms

Designed especially for narrow rooms or for use behind a door. Cast iron, porcelain enameled in White, Green, Orchid or Ivory. Fittings as illustrated, all nickel plated brass. Chrome plated fittings are furnished with colored fixtures. Slab is 14x26 inches; bowl, 9¾x16 inches; back, 6 inches high; deep 5-inch apron. Shpg. wt., 90 lbs.

White Colored
42DM6150% 42DM6850%
\$14.50 \$19.15

Lavatory with 42DM6151½ 42DM6851½
fittings to floor. \$15.25 \$20.15

Lavatory with 42DM6152½ 42DM6852½
out fittings. \$9.75 \$12.15

For iron pipe threads add 50c to price of lavatory with fittings. Shipped Not Prepaid. See note at bottom of page.

For Easy Payments see page 52.

The Cedric

A corner apron lavatory of attractive design. Made of cast iron, smoothly coated with porcelain enamel in White, Green, Orchid or Ivory. Fittings include compression faucets with indexed tops, metal plug, trap and supply pipes to wall or floor. All fittings are brass, nicely nickel plated. Chrome plated fittings are furnished with colored fixtures. Length on side, 16½ inches; bowl, 10½x13½ inches, back, 6 in. high. Shipping weight, 75 lbs.

White Colored
42DM6113½ 42DM6813½
\$12.40 \$16.55

Lavatory with 42DM6114½ 42DM6814½
fittings to floor. \$13.15 \$17.55

Lavatory with 42DM6115½ 42DM6815½
out fittings. \$7.65 \$9.55

For iron pipe threads add 50c to price of lavatory with fittings. Shipped Not Prepaid. See note at left. For Easy Payments see page 52.

EASY PAYMENTS—See Page 52



Bellevue Closet Outfit

This latest addition to our line of quality closets is the improved extended lip, reverse trap design that is becoming increasingly popular. You will readily recognize its distinct advantages from the standpoint of sanitation and appearance. Trap is at rear of bowl. Twin jet action, guaranteed to flush completely. Large water surface and deep water seal. Tank and bowl are of twice-fired, deeply glazed vitreous china, pure white. Improved brass flushing mechanism with overflow and refill tube, copper ball float and white china lever pull. Open front seat, designed especially for extended lip bowl. Seat and cover made of solid birchwood, heavily coated with genuine hand rubbed white celluloid. Solid brass bar hinge, supply pipe to floor, 2-inch elbow flush pipe, closet screw bolts and washers, all nickel plated brass. Easy to install. Shipping weight, 127 pounds. Not Prepaid.

42DM2006½—Outfit complete.....\$26.85



Avondale Closet Outfit

This beautiful sanitary outfit is one of our finest. Can be furnished in White, Green, Orchid or Ivory. Bowl is of siphon jet design very quiet flushing. A small jet projects a solid stream of water at high velocity through trap of bowl, so that flushing action is strong and positive. Ample water seal and large water area reduce exposed surface in the bowl. Genuine celluloid coated seat, hand rubbed finish in white or color to match closet. Tank has modern brass flushing mechanism with china lever pull. Supply tube and offset flush pipe of brass, nickel plated; on colored outfit, chrome plated.

Shipping weight, 130 pounds. Not Prepaid.

**42DM2009½—Complete outfit, White...\$27.25
42DM2001½—Outfit same as above, except with beautiful mahogany finish seat.....\$25.50
42DM2022½—Complete outfit, in Green, Orchid or Ivory. See note at foot of page.....\$42.95
42DM1877½—China Tank only, to fit siphon jet bowl. Complete with brass flushing mechanism. Shipping weight, 65 pounds. Not Prepaid.....\$11.25
42DM1898½—Siphon Jet Bowl only. Vitreous china. Shpg. wt., 60 lbs. Not Prepaid.....\$12.00**



Brass Ball Cock

Will fit any regular low type closet tank. Furnished complete with copper ball float and rod as illustrated.

42D454—We Pay the Postage\$1.30

QUALITY CLOSET OUTFITS

In Every Wanted Style and Color

EASY PAYMENTS
SEE PAGE 52



Euclid Closet Outfit

The distinguishing feature of this outfit is the reverse trap bowl. Trap is at rear of bowl instead of in front, which adds greatly to its appearance. It employs twin jets which give a strong flushing action. Tank and bowl are of beautiful vitreous china in White, Green, Orchid or Ivory. Improved brass flushing mechanism with brass supply pipe to floor. Substantial seat and cover with solid brass bar hinge. All brass trimmings, supply pipe, flush pipe, etc., nickel plated on white outifts; chrome plated on colored outifts. Shipping weight, 125 pounds. Not Prepaid.

42DM2005½—Outfit complete, White with mahogany finish seat.....\$20.95
42DM2004½—Outfit complete, White with white celluloid coated seat.....\$22.75
42DM2020½—Outfit complete in Green, Orchid or Ivory. See note at foot of page.....\$38.60
42DM2011½—Outfit same as 42DM2005½ but with cast iron tank, white porcelain enameled. Shipping weight, 144 pounds. Not Prepaid.....\$23.40
42DM2012½—Outfit same as 42DM2004½ but with cast iron tank, white porcelain enameled. Shipping weight, 144 pounds. Not Prepaid.....\$25.50



Fairfield Closet Outfit

Save at least one-third of the usual price elsewhere on this strictly "A" grade siphon washdown outfit. Beautiful white vitreous china, twice fired and deeply glazed. Improved brass flushing mechanism with copper ball float and white china lever pull. Mahogany finish seat and cover. Supply pipe, 2-inch elbow flush pipe, seat hinge, closet screw bolts and washers all nickel plated brass. Shipping weight, 128 pounds. Not Prepaid.

42DM2000½—Outfit complete\$17.45
42DM2008½—Outfit complete, same as above, but with beautiful snow white celluloid coated seat to match tank and bowl. White seat adds greatly to appearance of your bathroom.....\$19.95
42DM1894½—Siphon Washdown Bowl only, vitreous china. Shpg. wt., 45 lbs. Not Prepaid.....\$5.65
42DM1876½—China Tank only, to fit siphon washdown bowl. Complete with brass flushing mechanism. Shipping weight, 65 pounds. Not Prepaid..\$10.75



Glencoe Closet Outfit

These who prefer a cast iron closet tank will find here an outfit that gives unusual value. It is the same as our Fairfield Outfit except that the tank and cover are cast iron, genuine white porcelain enameled. The bowl is siphon washdown white vitreous china. Seat is beautifully finished in mahogany and has nickel plated brass bar hinge. Shipping weight, 127 pounds. Not Prepaid.

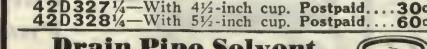
42DM2002½—Outfit complete\$21.15
42DM2010½—Outfit same as above, except with genuine white celluloid coated seat.....\$22.75
42DM1880½—Cast Iron White Porcelain Enameled Tank only, for siphon washdown bowl. Complete with brass flushing mechanism. Shipping weight, 84 pounds. Not Prepaid
\$13.35



42D331—Postpaid\$1.30



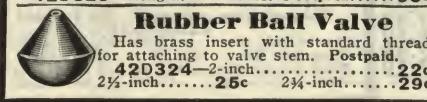
**42D327½—With 4½-inch cup. Postpaid...30c
42D328½—With 5½-inch cup. Postpaid...60c**



42D403—Postpaid18c



42D329—Length, 84 inches. Postpaid.....60c

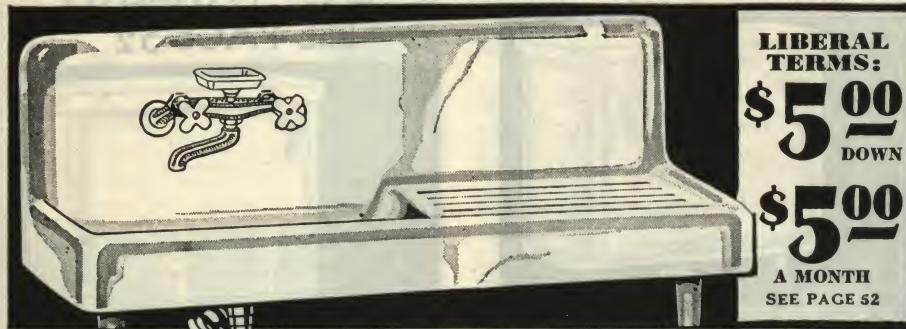


**42D324—2-inch.....22c
2½-inch.....25c 2¾-inch.....29c**

Closet Outfits 42DM2020½ and 42DM2022½ are furnished in Green, Orchid or Ivory with seat and cover to match. For illustrations showing actual colors see Bathroom Outfits pages 26 and 27. State color wanted. Colored Outfits are shipped direct from factory in Central New Jersey; allow three to four weeks for shipment. White Outfits are shipped promptly from our store.

Estimated Freight Charges on Closet Outfits per 100 pounds: 150 miles, 62¢; 200 miles, 72¢; 250 miles, 75¢.

MODERNIZE! . . WHILE PRICES



LIBERAL TERMS:

\$5 00
DOWN

\$5 00
A MONTH
SEE PAGE 52

\$19 60

And Up
CASH

Hiawatha Apron Sink

In addition to its pleasing appearance, the splendid quality and the permanent durability of this sink will prove a source of prolonged satisfaction to you. Its glossy, hard surface defies dirt and makes kitchen work easier and more pleasant. With its 12-inch back to protect the wall, and 6-inch apron front, it is cast in one piece and coated with genuine Triple A-A-A porcelain enamel in White, Green, Orchid or Ivory. For illustrations showing enameled ware in colors, see pages 26, 27 and 28. Regularly furnished with new design chromium plated mixing faucet with swing spout, concealed wall hangers, improved boltless strainer and 1½-inch trap to floor or wall. Strainer and trap are brass, nickel plated when furnished with white sinks; chromium plated for sinks in colors. The 42-inch size is furnished without legs; the 48 and 52-inch sizes have two cast iron adjustable painted legs. For Porcelain enameled legs instead of painted add \$1.80. Furnished with right or left hand drainboard. For iron pipe threads add 50c to price of sink with fittings.

Not Prepaid. See note at bottom of opposite page.

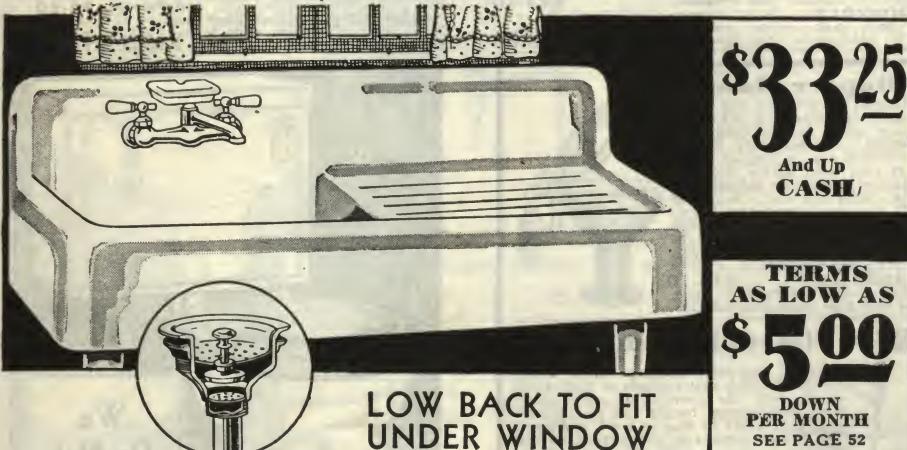
With Right Hand Drainboard, as Illustrated

Length of Sink, Inches	Shpg. Wt., Lbs.	Sink Complete With Trap to Wall		Sink Complete With Trap to Floor		Sink, less Faucet, Trap and Strainer	
		White 42DM5140½	Colored 42DM5840½	White 42DM5142½	Colored 42DM5842½	White 42DM5144½	Colored 42DM5844½
42	232	\$27.10	\$33.75	\$27.85	\$34.75	\$19.60	\$24.50
48	290	34.75	43.35	35.50	44.35	27.25	34.10
52	305	37.45	46.75	38.20	47.75	29.95	37.50

With Left Hand Drainboard

Length of Sink, Inches	Shpg. Wt., Lbs.	Sink Complete With Trap to Wall		Sink Complete With Trap to Floor		Sink, less Faucet, Trap and Strainer	
		White 42DM5141½	Colored 42DM5841½	White 42DM5143½	Colored 42DM5843½	White 42DM5145½	Colored 42DM5845½
42	232	\$27.10	\$33.75	\$27.85	\$34.75	\$19.60	\$24.50
48	290	34.75	43.35	35.50	44.35	27.25	34.10
52	305	37.45	46.75	38.20	47.75	29.95	37.50

For Easy Payments See Page 52



\$33 25

And Up
CASH

TERMS AS LOW AS

\$5 00
DOWN PER MONTH
SEE PAGE 52

LOW BACK TO FIT UNDER WINDOW

Priscilla "Three 8's" Sink

There can be no doubt of the style correctness and charming design of this modern kitchen sink. With a low 8-inch back, made to fit under windows, it has an 8-inch apron and 8-inch splashless sink compartment. This fixture is similar in every way to the Mayfair sink illustrated in color on page 28 except that it has a single drainboard. Made of heavy cast iron coated with genuine Triple A-A-A quality porcelain enamel in White, Green, Orchid or Ivory. For illustrations showing enameled ware in colors, see pages 26, 27 and 28. Regularly equipped with a special top spout mixing faucet, two porcelain enameled adjustable legs, double removable 5-inch cup strainer, and trap to floor or wall. The strainer, shown above in small insert, catches solid matter and allows the water to drain away rapidly through the large 5-inch outlet. Faucet, strainer and trap are all brass, finished in non-tarnishing chromium plate.

Not Prepaid. See note at bottom of opposite page.

Length of Sink, Inches 42 52
Shipping weight, pounds 255 300

With right hand drainboard, as illustrated.

Sink complete with 42DM5172½—White \$42.20 \$46.95
trap to wall 42DM5872½—Colored 51.50 57.50

Sink complete with 42DM5174½—White 43.20 47.95
trap to floor 42DM5874½—Colored 52.50 58.50

Sink with legs and 42DM5176½—White 33.25 37.95
strainer, no fittings 42DM5876½—Colored 41.50 47.50

With Left hand drainboard.

Sink complete with 42DM5173½—White 42.20 46.95
trap to wall 42DM5873½—Colored 51.50 57.50

Sink complete with 42DM5175½—White 43.20 47.95
trap to floor 42DM5875½—Colored 52.50 58.50

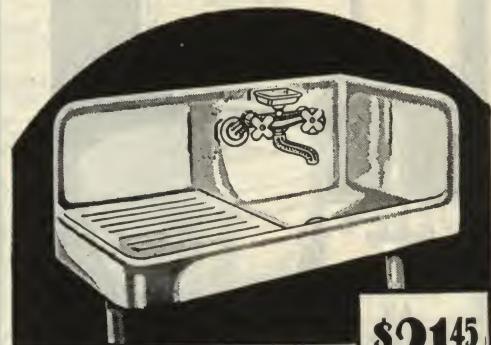
Sink with legs and 42DM5177½—White 33.25 37.95
strainer, no fittings 42DM5877½—Colored 41.50 47.50

For iron pipe threads add 50c to price of sink with fittings.

For Easy Payments see page 52.

Sinks in Colors

All of our apron front sinks can be had in Green, Orchid, or Ivory, as shown in color illustrations of enameled ware on pages 26, 27 and 28.



\$21 45

And Up
CASH

Claremont Corner Sink

Similar to our Hiawatha Sink described at the left, with the same beautifully proportioned lines and immaculate finish, except that this is a corner sink with corner end piece. Furnished in White, Green, Orchid or Ivory as shown in color illustrations of enameled ware on pages 26, 27 and 28. Chromium plated mixing faucet, concealed wall hangers, boltless strainer and trap to floor or wall. Strainer and trap are nickel plated when furnished with white enameled sinks; chromium plated for sinks in color. The 42-inch size is furnished without legs; the 48 and 52-inch sizes have two cast iron adjustable painted legs. For porcelain enameled legs instead of painted add \$1.80. Illustration shows sink with right hand end piece and left hand drainboard. Be sure to order correct sink.

For iron pipe threads add 50c to price of sink with fittings.

Not Prepaid. See note at bottom of opposite page.

Entire length 42 in. 48 in. 52 in.
Size of sink 20x22 in. 20x27 in. 20x28 in.
Drainboard 20x20 in. 20x21 in. 20x24 in.

Sink with right hand end piece and left hand drainboard, as illustrated.

Length of Sink, Inches 42 48 52

Shipping weight, pounds 236 303 310

Complete with trap to wall.

42DM5152½—White \$28.95 \$36.95 \$39.70
42DM5852½—Colored 36.05 46.15 49.50

Complete with trap to floor.

42DM5154½—White 29.70 37.75 40.45
42DM5854½—Colored 37.05 47.15 50.50

Without strainer, trap or faucet.

42DM5156½—White 21.45 29.50 32.20
42DM5856½—Colored 26.80 36.90 40.25

Sink with left hand end piece and right hand drainboard.

Length of Sink, Inches 42 48 52

Shipping weight, pounds 236 303 310

Complete with trap to wall.

42DM5153½—White \$28.95 \$36.95 \$39.70
42DM5853½—Colored 36.05 46.15 49.50

Complete with trap to floor.

42DM5155½—White 29.70 37.75 40.45
42DM5855½—Colored 37.05 47.15 50.50

Without strainer, trap or faucet.

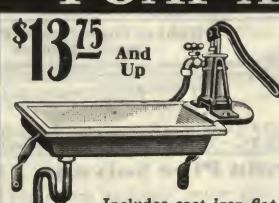
42DM5157½—White 21.45 29.50 32.20
42DM5857½—Colored 26.80 36.90 40.25

For Easy Payments see page 52.

PUMP AND SINK OUTFITS

\$13 75

And Up



Sink and Force Pump

Includes cast iron flat rim sink, white porcelain enameled inside; 3-inch brass body cistern force pump with faucet spout threaded for hose connection; cast iron pump bracket; two sink brackets; 1½-inch cast iron trap, fitted for iron pipe connection. No pipe included. Water may be drawn from the pump spout, forced into an attic tank or used for sprinkling, etc. Pump has 1½-inch suction and 1-inch discharge for iron pipe connection.

State size and whether trap is wanted to floor or to wall.

Shipped from our store. Not Prepaid.

42DM2026½

Size of sink, in. 18x30 20x30 20x36 20x40

Shpg. wt., lbs. 97 99 106 111

With trap to floor. \$14.60 \$15.35 \$17.50 \$19.70

With trap to wall. 13.75 14.50 16.65 18.85

Sink and Pitcher Spout Pump

\$9 55

And Up



Just the thing for your kitchen or laundry. Pumps from 8 to 20 feet well and cisterns where such lift is not over 20 feet. Includes cast iron flat rim sink, white porcelain enameled inside; 3-inch brass body cistern force pump with iron cylinder; 1½-inch cast iron pitcher spout with iron cylinder; 1½-inch sink trap to floor or wall, fitted for iron pipe connections; pump bracket and two sink brackets. Pump threaded for 1½-inch iron suction pipe. Waste pipe or suction pipe not included.

State whether trap is wanted to floor or to wall.

Shipped from our store. Not Prepaid.

42DM2025½—Outfit complete as described.

Size of sink, in. 18x30 20x30 20x36 20x40

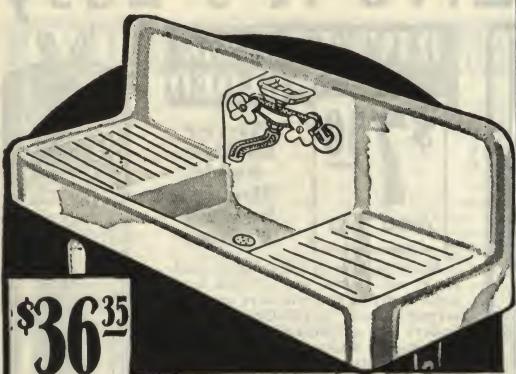
Shpg. wt., lbs. 94 96 103 108

With trap to floor. \$10.40 \$11.10 \$13.25 \$15.45

With trap to wall. 9.55 10.25 12.40 14.60

If pump with brass lined cylinder is wanted instead of iron add 55c to prices.

ARE LOW!



\$36³⁵

And Up
CASH

Hollywood Double Drainboard Sink

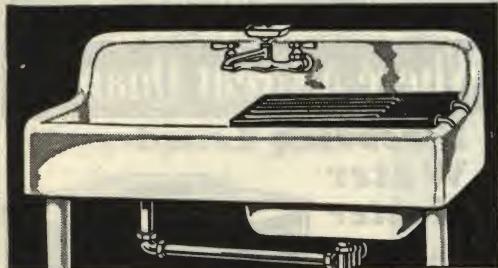
You'll daily appreciate the great convenience of this roomy double drainboard fixture. It is made of heavy cast iron in one piece and coated with smooth glistening porcelain enamel in White, Green, Orchid or Ivory. Easy to keep clean. For illustrations showing enameled ware in colors, see pages 26, 27 and 28. Has spacious sink compartment and ample space on the two drainboards for dishes etc. The back is 12 inches high and the apron 6 inches deep. Furnished with concealed wall hangers and two adjustable painted legs. **For porcelain enameled legs, add \$1.50.** Chromium plated sink mixing faucet with soap dish and swing spout. Boltless strainer with trap to wall dish and swing spout. Boltless strainer with trap to wall or floor, brass, heavily nickelized. When sinks are furnished in color, all trimmings are chromium plated.

Length overall, inches..... 60 74
Size of sink, inches..... 22x22 22x26
Drainboards, inches..... 22x19 22x24

Not Prepaid. See note in lower right hand corner of page.

Sink with legs, swing spout faucet and trap to wall.
Length of Sink, inches..... 60 74
Shipping weight, pounds..... 392 432
42DM5160½-White..... \$43.85 \$60.15
42DM5860½-Colored..... 54.65 75.00
Sink with legs, swing spout faucet and trap to floor.
42DM5161½-White..... \$44.60 \$60.90
42DM5861½-Colored..... 55.65 76.00
Sink with legs, no fittings.
42DM5162½-White..... \$36.35 \$52.65
42DM5862½-Colored..... 45.40 65.80

For iron pipe threads add 50¢ to price of sink with fittings.
For Easy Payments as low as \$5.00 down and \$5.00 per month; see table of terms on page 52.



Combination Sink and Laundry Tub

Admirably serves a double purpose and has the added advantage of saving space, labor and the expense of installing two separate fixtures. A wonderful convenience, this double duty sink and laundry tub was designed especially for the busy housewife. Triple A-A-A porcelain enameled in White, Green, Orchid or Ivory. For illustrations showing enameled ware in colors, see pages 26, 27 and 28. Cast iron body, with two cast iron adjustable legs, also enameled. Length overall, 50 inches. Width over rim, 24 inches. Size of sink, outside, 19x21 inches, 8 inches deep. Size of tub, inside, 19x21 inches, 14 inches deep. Has back 8 inches high and apron 8 inches deep. Ashwood interchangeable drainboard which can be placed over either sink or tub as desired. Fittings include combination top spout faucet, trap to wall or floor and cross connecting pipe connecting sink and tub in one outlet. Faucet is chromium plated; all other fittings are nickel plated on white fixtures, chromium plated on colored.

Shipping weight, 450 pounds. **Not Prepaid.** See note in lower right hand corner of page.

With Sink on Left Hand Side and Tub on Right Hand Side, as illustrated

Complete, with faucet and trap to wall..... **\$49.95**
42DM5890½-Colored.. 62.00
Complete, with faucet and trap to floor..... **56.00**
42DM5191½-White.. 63.00
42DM5881½-Colored.. 63.00
With legs and drain-board, no fittings..... **38.45**
42DM5892½-Colored.. 48.00

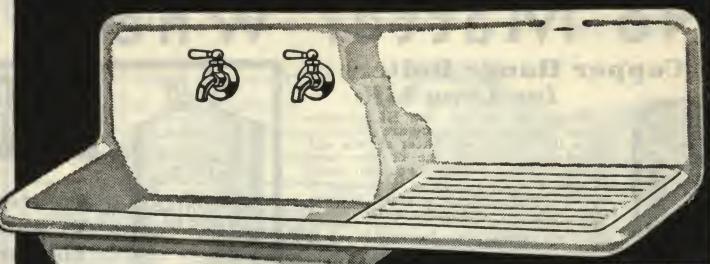
With Sink on Right Hand Side and Tub on Left Hand Side

Complete, with faucet and trap to wall..... **\$49.95**
42DM5893½-Colored.. 62.00
Complete, with faucet and trap to floor..... **50.70**
42DM5195½-White.. 58.45
With legs and drain-board, no fittings..... **48.00**
42DM5895½-Colored.. 48.00

For iron pipe threads add 50¢ to price of sink with fittings.
For Easy Payments, see page 52.

Only
\$15.65
And Up
CASH

We
Do Not
Pay
Freight



**\$5.00
DOWN
\$5.00
A
MONTH
See Page
52.**

Delaware Roll Rim Sink

You would pay at least one-third more in most stores for this attractive sink. At our extremely low price, made possible by volume sales, it offers unmistakable value! One-piece cast iron coated with genuine Triple A-A-A quality white porcelain enamel. Fittings include $\frac{1}{2}$ -inch flanged faucets with white china handles marked "Hot" and "Cold," improved boltless strainer and trap, all brass nicely nickel plated. Concealed wall hangers, 12-inch back and 2 $\frac{1}{2}$ -inch roll rim. Large drainboard gives ample space for rinsing dishes. Furnished with either right hand drainboard, as illustrated, or left hand drainboard.

At an extra charge of \$3.00 over price of sink complete we can furnish Swing Spout Mixing Faucet, with White China Soap Dish, 42D399 listed on page 28.

Not Prepaid. See note at bottom of page.

Entire length..... 42 in. 48 in. 52 in.
Size of sink..... 20x22 in. 20x27 in. 20x28 in.
Drainboard..... 20x20 in. 20x21 in. 20x24 in.
Shpg. wt., lbs..... 197 235 253

With Right Hand Drainboard
Lghth. 42DM5110½ 42DM5112½ 42DM5114½
Length of sink, in. Complete with Trap to Wall Complete with Trap to Floor Sink Only, Without Strainer, Trap or Faucets

42 \$20.15 \$20.90 \$15.65
48 22.60 23.35 18.10
52 24.25 24.95 19.75

With Left Hand Drainboard
Lghth. 42DM5111½ 42DM5113½ 42DM5115½
Length of sink, in. Complete with Trap to Wall Complete with Trap to Floor Sink Only, Without Strainer, Trap or Faucets

42 \$20.15 \$20.90 \$15.65
48 22.60 23.35 18.10
52 24.25 24.95 19.75

For iron pipe threads add 50¢ to price of sink with fittings.

For Easy Payments see page 52.

Magnolia Corner Sink

An exceptionally fine corner sink, beautifully finished in Triple A-A-A white porcelain enamel. A cash payment of only \$5.00 down will place it in your kitchen where it will give you years of service. Pay the balance as you use it, as shown by the table on page 52. Fittings include $\frac{1}{2}$ -inch flanged faucets with white china handles marked "Hot" and "Cold." Latest improved boltless strainer and 1 $\frac{1}{2}$ -inch trap to floor or wall. All fittings solid brass, nickel plated. Illustration shows sink with right hand end piece and left hand drainboard; also furnished with left hand end piece and right hand drainboard. Be sure to order correct sink.

At an extra charge of \$3.00 over price of sink complete, we can furnish Swing Spout Mixing Faucet, with 42D399 illustrated on page 28.

Entire length..... 42 in. 48 in. 52 in.
Size of sink, inches..... 20x22 20x27 20x28
Drainboard, inches..... 20x20 20x21 20x24
Shpg. wt., lbs..... 215 228 252

Not Prepaid. See note in lower right hand corner of page.

With Right Hand End Piece and Left Hand Drainboard

Length of Sink, Inches	42DM5120½ Sink Complete With Trap to Wall	42DM5121½ Sink Complete With Trap to Floor	42DM5124½ Sink Only, Without Strainer, Trap or Faucets
42	\$25.15	\$25.90	\$20.65
48	26.80	27.55	22.30
52	28.65	29.40	24.15

With Left Hand End Piece and Right Hand Drainboard

Length, Inches	42DM5121½	42DM5123½	42DM5125½
42	\$25.15	\$25.90	\$20.65
48	26.80	27.55	22.30
52	28.65	29.40	24.15

For iron pipe threads add 50¢ to price of sink with fittings.

For Easy Payments see page 52.



**\$2.90
And Up**

Flat Rim Sinks

White porcelain enameled inside, painted outside. One-piece cast iron with flat rim. Suitable for use with built-in cabinets. Improved nickel plated strainer and trap. Rounded inside sanitary corners, easy to keep clean. For iron pipe threads add 50¢ to price of sink with fittings.

Size, Shpg. 42DM1601½ 42DM1602½ 42DM1600½
Overall, Wt., Lbs. With Trap With Trap Sink Only, No Fittings

16x24 50 \$6.35 \$7.35 \$4.35

18x30 60 6.95 7.95 4.95

20x30 68 7.55 8.55 5.55

20x36 70 9.50 10.50 7.50

20x40 80 11.40 12.40 9.40

Same as above, except painted inside and outside.

Size, Shpg. 42DM1604½ 42DM1605½ 42DM1603½

Overall, Wt., Lbs. With Trap With Trap Sink Only, No Fittings

16x24 45 \$4.90 \$5.90 \$2.90

18x30 55 5.40 6.40 3.40

Not Prepaid. Shipped from our store

**\$7.50
And Up**

Milburn Roll Rim Sink

Adapted for small space where there is no room for drainboard, or for use with separate drainboard. Cast iron coated with Triple A-A-A white porcelain enamel. Round inside corners. Back is 12 inches high. Concealed wall hanger. Fittings include $\frac{1}{2}$ -inch flanged faucets with white china handles, improved boltless strainer and 1 $\frac{1}{2}$ -inch trap to wall or floor, all brass, nice nickel plated.

Not Prepaid. See note below.

Size, Overall, Inches Complete With Trap to Wall Complete With Trap to Floor Sink Only, Without Fittings

18x24 \$11.50 \$12.25 \$7.50

20x24 13.25 13.95 8.25

18x30 13.80 14.55 9.00

20x30 14.45 15.20 10.25

20x36 16.25 16.95 12.25

Shipping weights: 18x24, 107 pounds; 20x24, 114 pounds; 18x30, 124 pounds; 20x30, 127 pounds; 20x36, 156 pounds. For iron pipe connection add 50¢ to price of sink with fittings.

Unless otherwise stated, all sinks on this and opposite page are shipped from Central New Jersey. Not Prepaid. Estimated freight charges on sinks per 100 pounds: 150 miles, 50¢; 200 miles, 58¢; 250 miles, 63¢.

Allow three to four weeks for shipment of color enameled ware and be sure to state color wanted. White fixtures are shipped at once. For illustrations showing enameled ware in Green, Orchid, and Ivory, see pages 26, 27 and 28.

No Matter Where You Live It's Easy

Copper Range Boilers for Long Life



When you install this High Grade Copper Range Boiler, you are preparing for a lifetime of hot water service and satisfaction. It is one of the most practical improvements you can make in your home. The great advantage of copper range boilers is their remarkable durability. They will easily outlast any building in which they are placed. Another important feature is their entire freedom from rust, regardless of how long they are in service. Hercules Copper Range Boilers are made of high-grade heavy gauge lake copper, tested and guaranteed for pressure stated. Head is riveted. Boilers are strongly reinforced on inside with three heavy brass rings and cannot collapse. Each boiler has two straight and three bent couplings for $\frac{3}{4}$ -inch pipe connections. Any one can quickly and easily connect up his boiler. A 30-gallon range boiler supplies the requirements of the average family. If you use more than the average amount of hot water, we recommend the 40-gallon size. These boilers comply with the severe requirements of the Massachusetts Range Boiler Law. Not Prepaid.

Prices subject to market changes. For Easy Payments see page 52.

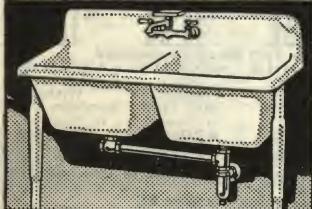
200 Lb. Test Range Boilers

Tested to 200 lbs., guaranteed for 85 lbs. working pressure.
Capacity..... 30 Gal. 40 Gal.
Shpg. wt..... 90 lbs. 120 lbs.
Boiler complete, but 42DM1817 $\frac{1}{4}$ 42DM1819 $\frac{1}{4}$ without stand. \$38.50 \$51.30
Boiler complete, in. 42DM1818 $\frac{1}{4}$ 42DM1820 $\frac{1}{4}$ cluding stand.... \$39.50 \$52.35

250 Lb. Test Range Boilers

Tested to 250 lbs., guaranteed for 106 lbs. working pressure.
Capacity..... 30 Gal. 40 Gal.
Shpg. wt..... 105 lbs. 140 lbs.
Boiler complete, but 42DM1856 $\frac{1}{4}$ 42DM1858 $\frac{1}{4}$ without stand. \$46.50 \$61.35
Boiler complete, in. 42DM1857 $\frac{1}{4}$ 42DM1859 $\frac{1}{4}$ cluding stand.... \$47.50 \$62.40

Enameled Laundry Tub



Double Compartment

\$50.65

Heavy cast iron, coated inside and over rim with white porcelain enamel. Outside of trays and legs are painted white. Length, 50 inches. Width over rim, 24 inches. Size of trays inside, 19x21 inches; 14 inches deep. Shipped from Central New Jersey, Not Prepaid. Send your order to Philadelphia, Pa., or Boston, Mass.

42DM5198 $\frac{1}{4}$ —Complete with swing spout mixing faucet, trap with extension, and adjustable legs, as illustrated. Shpg. wt., 417 lbs. \$50.65 Not Prepaid.

For Easy Payments see page 52.

Laundry Tubs

Tubs are molded in one solid piece from special granite composition materials. No seams to leak or catch grease or dirt. Tubs have metal rims and guards, and strong angle iron frame or stand. One and two-part tubs require one faucet, and one trap. Three-part tubs require one faucet and two traps.

One-Compartment Tubs. (Not Illustrated) Same as 42DM3553 $\frac{1}{4}$, illustrated above, except with only one compartment. Size, 24x24 inches, 16 inches deep. Shipping weight, 235 pounds.

42DM3550 $\frac{1}{4}$ —Tub with frame, but no faucet or trap. Not Prepaid. \$6.75

42DM3551 $\frac{1}{4}$ —Complete with frame, swing spout faucet and trap. Not Prepaid. \$9.85

Two-Compartment Tubs (Illustrated Above) Length, overall, 48 inches. Size of each tub, 24x24 inches; 16 inches deep. Shpg. wt., 380 lbs.

42DM3552 $\frac{1}{4}$ —Tub only, with frame. \$9.65 Not Prepaid.

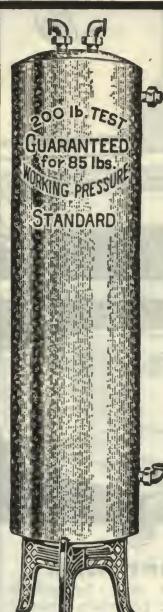
42DM3553 $\frac{1}{4}$ —Tub complete with frame, swing spout faucet and trap. Not Prepaid. \$12.75

Three-Compartment Tubs (Not Illustrated) Same as 42DM3553 $\frac{1}{4}$, illustrated above, except with three compartments. 72 inches long. Shipping weight, 550 pounds. Not Prepaid.

42DM3554 $\frac{1}{4}$ —Tub only, with frame. \$15.50

42DM3555 $\frac{1}{4}$ —Complete with frame, swing spout faucet, two traps and extension for three tubs. \$19.95

Shipped from Philadelphia, Pa., New York, N.Y., Boston, Mass., Baltimore, Md., Buffalo, N.Y., New Haven, Conn., or Kingston, N.Y. Send your order to Philadelphia or Boston.



ELECTRIC WELDED

Greatest Values In Our History

\$645
And Up

These range boilers are constructed from the best quality steel plate, heavily galvanized both inside and outside. Electrically welded and guaranteed for pressures stated. Galvanized by the hot dip process, insuring a thick uniform zinc coating which adheres very closely to the grain of the steel. Prices quoted on range boilers, complete, include stand, cold water tube and couplings threaded for $\frac{3}{4}$ -inch pipe. Prices quoted for range boilers only do not include anything except the range boilers.

State size wanted.

For Easy Payments see page 52.

We furnish complete instructions for installing.

Standard Weight Range Boilers

guaranteed for 85 pounds working pressure.		Tested to 200 pounds and pounds working pressure.	
42DM2036 $\frac{1}{4}$ Range Boilers Complete		42DM1802 $\frac{1}{4}$ Range Boilers Only	
Approximate Capacity, Gals.	Size, In.	Shpg. Wt., Lbs.	Each Not Prepaid
30	12x60	87	\$ 8.50
40	14x60	106	12.75
52	16x60	130	17.30

Extra Heavyweight Range Boilers		Tested to 250 pounds pressure. Guaranteed for working pressure up to 150 pounds.	
42DM2038 $\frac{1}{4}$ Range Boilers Complete		42DM1804 $\frac{1}{4}$ Range Boilers Only	
Approximate Capacity, Gals.	Size, In.	Shpg. Wt., Lbs.	Each Not Prepaid
30	12x60	107	\$ 10.55
40	14x60	128	13.40
52	16x60	135	20.35

Tested to 250 pounds pressure. Guaranteed for working pressure up to 150 pounds.

42DM2038 $\frac{1}{4}$ —Range Boilers Complete

42DM1804 $\frac{1}{4}$ —Range Boilers Only

Shpg. Wt., Lbs. Each Not Prepaid

30 12x60 92 \$ 8.50

40 14x60 113 11.35

52 16x60 120 17.30

Shpg. Wt., Lbs. Each Not Prepaid

30 12x60 108 \$ 11.25

40 14x60 130 12.50

Shpg. Wt., Lbs. Each Not Prepaid

30 12x60 108 \$ 9.45

40 14x60 130 10.50

Shpg. Wt., Lbs. Each Not Prepaid

30 12x60 108 \$ 9.45

40 14x60 130 10.50

Shpg. Wt., Lbs. Each Not Prepaid

30 12x60 108 \$ 9.45

40 14x60 130 10.50

Shpg. Wt., Lbs. Each Not Prepaid

30 12x60 108 \$ 9.45

40 14x60 130 10.50

Shpg. Wt., Lbs. Each Not Prepaid

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40 14x60 130 10.50

Shpg. Wt., Lbs. Each Not Prepaid

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40 14x60 130 10.50

Shpg. Wt., Lbs. Each Not Prepaid

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Shpg. Wt., Lbs. Each Not Prepaid

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30 12x60 108 \$ 9.45

40 14x60 130 10.50

Shpg. Wt., Lbs. Each Not Prepaid

30 12x60 108 \$ 9.45

40 14x60 130 10.50</p

and Cheap to Have HOT WATER!

TWO-IN-ONE TANK AND HEATER COMBINED

Combination Galvanized Range Boiler and Water Heater at a remarkably low price. Gas burner is directly under the special heating unit through which the water circulates. Flue pipe is built right into the storage tank, giving maximum heating surface. The heating unit extends up through center of flue passage so that all the heat from the burning gas circulates around it! When the gas is burning, water circulates constantly from bottom to top of tank through this heating unit. Tank is heavily galvanized, tested to 150 pounds water pressure and guaranteed for working pressure up to 85 pounds. Has tappings for connection to auxiliary heating coil in your stove or furnace if desired. Burner can be adjusted for either artificial or natural gas.

42DM1806 1/4—Complete, tank size, 12 inches in diameter, 5 feet high. Shipping weight, 138 pounds. Not Prepaid.

\$18.25
And Up

\$18.25
Postpaid

42DM2063 1/4—Same, with asbestos jacket, as shown on opposite page. Shpg. wt., 168 lbs. Not Prepaid.

\$22.75

42DM1808 1/4—Complete, tank size, 14 inches in diameter, 4 feet high. Shpg. wt., 120 lbs. Not Prepaid.

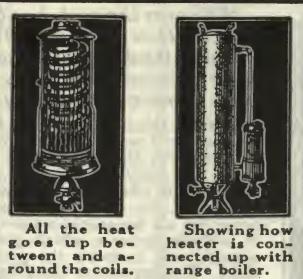
\$18.35

42DM2064 1/4—Same, with asbestos jacket, as shown on opposite page. Shpg. wt., 148 lbs. Not Prepaid.

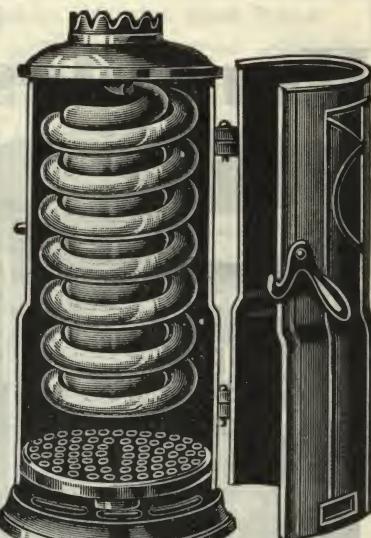
\$23.30



Tested and Approved
by the American
Gas Association
Testing Laboratory



All the heat goes up between and around the coils.
Showing how heat is connected up with range boiler.



\$5.45
And Up
POSTPAID

You'd Pay
\$8.00 Elsewhere!

This heater can also be furnished for using bottled gas; write for prices. Standard sizes for use with standard plumbing; easily installed.

Double copper coil construction—hot water when you want it and in ample quantity.

Large, new type gas burner—quick heat with minimum gas consumption.

Relief Valve



Used on range boilers and tanks to prevent explosions due to excessive pressure when the water is heated to a high temperature. Gives positive protection against needless damage to property and possible loss of life when heaters are neglected or forgotten. Should be used on every range boiler or hot water tank. Can be set to release at 70, 75, 100 or 130 pounds. Piston and valve seat made of special non-corrosive nickel mixture. Listed as standard by Underwriters' Laboratories.

\$4.50

42D125—Postpaid.....
42D116—Similar to above, for use on hot water heating plants, closed systems. Postpaid.....
\$4.50

Indirect Water Heater

This very simple and practical heater, connected with a steam boiler, furnishes a plentiful supply of hot water for domestic use, at practically no cost. It is connected on the outside of boiler and also connected to a range boiler. Water from the range boiler circulates through the copper coil where it is heated by hot water from the boiler surrounding the coil. Sturdy construction. Easily cleaned. Height, 8 1/2 inches; diameter, 5 inches; boiler connections, 1-inch; tank connections, 1/2-inch. Capacity, 30 to 40 gallons.

42D1801 1/4
Postpaid.....
42D1803 1/4
Similar to above but larger size; capacity, 30 to 50 gallons; height, 17 inches. Postpaid.....
\$7.25



Double Copper Coil Gas Water Heater

Priced to save you at least one-third over usual prices elsewhere. Heats enough water for bath in twenty minutes. Has improved burner and mixer with combustion space between burner and coils, insuring complete combustion of burning gas and consequent economy. Each heater carries the blue star seal, signifying that it complies with national basic requirements for safety in gas appliances. Two quick heating coils of 1/4-inch seamless copper tubing. Cast iron jacket and door. Water connections threaded for 1/2-inch iron pipe. Height, 24 inches, including burner; diameter, 7 inches. The standard size is recommended where average amount of hot water is wanted and for large families we recommend our extra large capacity heater quoted below. Burns natural or manufactured gas.

42D1824 1/4—Postpaid.....
Same as above, except extra large capacity. Has longer coils and larger jacket. Full No. 30 size.

42D1827 1/4—Postpaid.....
\$8.25

of Hot Water Is Needed

100 Gallons of Hot Water per Hour

\$2.50
Cash

Hot water when you need it and where you need it! Lots of it—all you want—waiting for you to turn the tap and draw a dishpan or a bathtub full. You save money when you buy the Hercules, and save fuel when you use it. Sturdy cast iron construction, with large water jacket surrounding fire pot.

Thousands have given it the severest tests. In a very few washdays or dishwashings on cold winter mornings you will say it has more than earned its cost and upkeep.

The Hercules Water Heater is for use in connection with hot water tank or range boiler for running water systems having constant pressure through pipes.

Efficient and Powerful

Will heat 100 gallons an hour to temperature suitable for ordinary household purposes. Equipped with heavy improved triplex grate suitable for all kinds of fuel.

The Hercules will furnish the great amount of hot water required in large homes, flat and apartment buildings, for bath, shower, kitchen and laundry. By connecting a regular hot water radiator to this heater it can be used to heat a kitchen or other room very comfortably; will take care of 40 sq. ft. of radiation in addition to range boiler. Can also be used for small hot water heating systems in garages, greenhouses, poultry buildings, etc. Capacity of radiation, 160 square feet.

Inside diameter of fire pot, 12 inches. Height over all, 31 inches; tapped for 2-inch water pipe. Takes 6-inch stovepipe. Shipped from factory near Detroit, Mich.

42DM4842 1/4—Shpg. wt., 275 pounds. Not Prepaid.....
\$22.50

For Easy Payments see page 52



If You Live in the Country or Beyond City Gas Mains... Here Are Heaters to Do the Work Economically

Hercules Kerosene Burning Blue Flame Water Heater

Gives all the advantages of city gas for heating water simply and economically. Used in connection with range boiler. To light burner simply apply a match. No generation or pre-heating required. Gives steady blue flame without noise or smoke. Burns gas generated from kerosene, using 400 parts of air to 1 part of oil. Can be regulated high or low as desired, or let it burn constantly with low flame, and have plenty of hot water always. As only the vapor off the burner is consumed, the wick itself needs only an occasional wiping off with a soft cloth. Burns 13 hours on full fire and 19 hours on low fire on one gallon of fuel. Has four quick heating 1/8-inch copper coils connected to brass manifolds. This heater is suitable for use with a 30-gallon capacity range boiler.

42DM1828 1/4—Shpg. wt., 48 lbs. Not Prepaid.....
\$21.75

42D1832 1/4—Wicks for above heater. Postpaid, ea. .60c

\$21.75



Has Four Copper Coils



We Do Not Pay Freight

Showing how heater can be connected to range boiler and radiator, to provide hot water and heat room besides.

\$24.95



Gasoline Water Heater

A very efficient and powerful Gasoline Pressure Water Heater, for use in connection with range boiler. Burns with a perfect blue flame, is very simple to operate and produces intense heat. The burner has a fine needle valve adjustment and can be quickly regulated from a small simmering blaze to an intense blue flame. Fuel is supplied through a copper tube from pressure tank, which can be placed outside. Heater has heavy double copper coil. Heats water fully as fast as regular gas burning water heaters, and is very economical of fuel. Black japanned cast iron jacket; height, 18 inches; diameter, 7 inches. Tapped for 1/2-inch water connections. Furnished with large size air pump and welded steel pressure tank, 10-gallon size, with pressure gauge. Full instructions furnished.

42DM1825 1/4—Shipping wt., 67 lbs. Not Prepaid.....
\$24.95

For a Sanitary Home USE THE Hercules Septic Tank



Provides health protection for your entire family without upkeep expense. A modern necessity in all rural or suburban homes having running water but no sewers.

\$1375
And Up

Whatever the cost, health protection is always low-priced. Hercules Septic Tanks are exceptionally so! For one-third more elsewhere you might buy the same positive protection—but we doubt it. The Hercules is more than worthy of its price!

Protects the health of your family by providing for the safe disposal of all household wastes. Gives you the advantages of a city sewage system and removes the last barrier to the enjoyment of modern plumbing in rural and suburban homes. Health authorities and sanitary engineers endorse this effectual and inexpensive means of sewage disposal.

Scientifically designed to promote the greatest intensity of bacterial action on all household wastes. This bacterial action plus the nitrification or aeration process which goes on in the tile disposal bed, purifies the sewage and destroys the germs. Entire outfit is underground, out of sight. Decomposition goes on continually, without any attention whatever. No chemicals are used. Same principles employed in expensive sewage disposal plants installed for large cities throughout the country. The practicability and proven effectiveness of this process is unquestionable. In operation our Hercules Septic Tanks are absolutely odorless.

Hercules Septic Tanks are made of corrosion-resisting copper bearing steel, covered with a thick coating of asphalt. They are water tight and unbreakable—seams are electrically welded. Built-in pipe connection keeps pipe in exactly the right position. Steel baffle plates located so as to provide greatest efficiency. Cover is removable, allowing easy access at any time. A worthwhile investment in health insurance which our low price brings within easy reach of every home. Complete instructions furnished. No skilled labor needed.

WE DO NOT PAY FREIGHT

Shipped from factory in EASTERN PENNSYLVANIA. Not Prepaid.

Catalog No.	Diam. In.	Height, In.	Working Capacity, Gallons	Home Use Number Persons	Shpg. Wt., Lbs.	Cash Price
42DM3562 1/2	30 1/2	48	150	4	185	\$15.85
42DM3563 1/2	38	48	200	6	240	15.85
42DM3564 1/2	48	48	300	10	320	15.85
42DM3565 1/2	52	60	500	20	480	37.50



Placed underground, out of sight, it brings to your home the advantage of modern city sewers.



NOTE THESE

5

WINNING POINTS

- 1 HERCULES SEPTIC TANKS are electrically welded, watertight and unbreakable.
- 2 MADE OF COPPER BEARING STEEL and covered with a thick coating of asphalt.
- 3 BUILT-IN PIPE CONNECTION keeps the pipe in exactly the right position.
- 4 STEEL BAFFLE PLATES located so as to provide greatest efficiency.
- 5 THE COVER IS REMOVABLE, allowing easy access at any time.

HIGH GRADE FAUCETS and FITTINGS

China Handle Basin Faucet

Compression type, made of brass, nickel or chromium plated. Solid china cross handle lettered "Hot" or "Cold." State which is wanted. Universal connection, threaded for $\frac{3}{4}$ -inch or $\frac{1}{2}$ -inch iron pipe; can also be used with lead or brass supply pipe.

42D333

Nickelated. Postpaid.....\$1.10

42D334

Chromium. Postpaid... 1.35

Self-Closing Basin Faucet

Closes automatically when handle is released and prevents waste of water. Equipped with ball bearings, insuring smooth action and long life. Easy to adjust. Made of brass, with index button lettered "Hot" or "Cold." State which is wanted. Universal connection, threaded for $\frac{3}{4}$ -inch or $\frac{1}{2}$ -inch iron pipe; can also be used with lead or brass pipe.

42D354

Nickelated. Postpaid.... \$2.60

42D355

Chromium. Postpaid... 3.20

Lever Handle Basin Faucet

Compression type, made of brass, nickel plated. China lever handle lettered "Hot" or "Cold." State which is wanted. Threaded for $\frac{3}{4}$ -inch or $\frac{1}{2}$ -inch iron pipe; can also be used with lead or brass supply pipe. We Pay the Postage.

42D332

.....\$1.10

Faucet Washers

Handy package of one dozen in six assorted sizes, with six screws. White for hot water; red for cold water.

42D1410

Per pkg. Postpaid..... 10c

Compression Faucet

China handle, lettered "Hot" or "Cold" State which is wanted. We Pay the Postage.

42D344

Nickel plated.

$\frac{1}{2}$ -inch size.....\$1.08

$\frac{1}{4}$ -inch size.....1.40

42D345

Chromium plated.

$\frac{1}{2}$ -inch size.....\$1.30

$\frac{1}{4}$ -inch size.....1.55

Compression Faucet

For iron pipe. Spout is threaded for hose connection. Nickel plated.

Size, $\frac{1}{2}$ -inch. Polished brass..... 1.15

Nickel plated..... 1.25

Compression Faucet

Malethread for iron pipe. Spout is threaded for hose connection. Polished brass.

42D374

Postpaid.

Size, $\frac{1}{2}$ -inch..... 75c

Size, $\frac{1}{4}$ -inch..... 93c

42D378

Same as above, but with plain spout. Postpaid.

Size, $\frac{1}{2}$ -inch..... 66c

Size, $\frac{1}{4}$ -inch..... 85c

Gem Faucet Seat Dresser

For grinding seats of $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{8}$ inch compression faucets. Quickly repairs a leaky faucet. Cadmium plated; resists rust. We Pay Postage.

42D466

.....\$1.35

Some of our faucets are now offered in a choice of chromium or nickel plate. Chromium is preferred by many because it is everlasting, will not tarnish and is easy to keep clean and lustrous. Some faucets are furnished only in nickel plate, and others in polished brass as listed. For determining correct sizes see "How to Order Fixtures," etc., on page 40.

All Metal Mixing Faucet



A beautiful new faucet outfit of artistic design, with metal soap dish and modern non-tarnishing chromium plate finish. Faucet handles are also metal. Spout swings from top, making a compact unit especially suitable for use on the new low back sinks. Will fit any sink drilled for regular faucets. Female thread, $\frac{1}{2}$ -inch.

42D394

Postpaid.....\$6.75

Quick Compression Bath Faucet

New Style China lever handles. Lettered "Hot" and "Cold." Threaded for $\frac{1}{2}$ -inch pipe. We Pay the Postage.

42D337

Nickel plated..... \$2.45

42D338

Chromium plated..... \$2.95

Sink Strainer

New style strainer with tailpiece. Used with $\frac{1}{2}$ -inch traps listed at right.

42D386

Nickel plated.

Postpaid..... 52c

42D389

Chromium plated.

Postpaid..... 65c

Adjustable Sink Legs

New design, heavy cast iron with smooth finish. Adjustable for various heights. Long leg is used under drainboard; short leg is used under sink compartment. Furnished either painted or white porcelain enameled.

White Painted Legs.

42DM5100 1/4 Short. Shpg. wt., 14 lbs. Not Prepaid..... \$1.45

42DM5101 1/4 Long. Shpg. wt., 17 lbs. Not Prepaid..... \$1.85

42DM5102 1/4 Short. Shpg. wt., 15 lbs. Not Prepaid..... \$2.50

42DM5103 1/4 Long. Shpg. wt., 18 lbs. Not Prepaid..... \$2.60



COPPER SERVICE TUBING

For hot and cold water lines in new or old installations. Rustproof; will give permanent trouble-free service. Easy to install, flexible; can be bent around corners and obstacles. Comes in lengths up to 25 feet. Shpg. wt. per ft., $\frac{1}{4}$ -inch, $\frac{1}{2}$ lb.; $\frac{3}{4}$ -inch, $\frac{3}{4}$ lb.

42D318 1/4

Not Prepaid.

Size, $\frac{1}{2}$ -inch, per foot..... 14 1/2c

Size, $\frac{3}{4}$ -inch, per foot..... 25c

Prices subject to market fluctuations.

Copper to Iron Union

42DM319 1/4

Not Prepaid.

$\frac{1}{2}$ in. Shpg. wt., $\frac{1}{4}$ lb. 54c

$\frac{3}{4}$ in. Shpg. wt., $\frac{1}{4}$ lb. 68c

Copper to Copper Tee

42DM321 1/4

Not Prepaid.

$\frac{1}{2}$ in. Shpg. wt., \$1.52

$\frac{3}{4}$ in. Shpg. wt., 2.00

1 lb. \$0.68

$\frac{3}{4}$ in. Shpg. wt., 1.00

Flanging Tool

42DM322 1/4

For flanging ends of tubing.

Not Prepaid.

$\frac{1}{2}$ in. Shpg. wt., 1 lb. \$0.68

$\frac{3}{4}$ in. Shpg. wt., $\frac{1}{2}$ lb. 1.00

Sink and Lavatory Traps

Made of 20-gauge brass tubing, nickel or chrome plated. Lavatory traps, size $\frac{1}{4}$ inches, will fit any lavatory on page 1036. Sink traps, size $\frac{1}{2}$ inches, will fit any of our sinks listed on page 34 or 35. Sink strainer and tailpiece listed separately at left. All traps for lead pipe connection, add 50c extra.

42D480 1/4 "P" trap to wall, $\frac{1}{4}$ inch, nickel plated. Postpaid..... \$1.30

42D481 1/4 "S" trap to floor, $\frac{1}{4}$ inch, nickel plated. Postpaid..... 1.00

42D482 1/4 "S" trap to floor, $\frac{1}{4}$ inch, nickel plated. Postpaid..... 1.25

42D391 1/4 Metal plug, complete with chain and rubber stopper, necessary with all $\frac{1}{4}$ -inch traps when pop-up waste is not used. Nickel plated. Postpaid..... 50c

42D393 1/4 Same, chrome plated. Postpaid..... 65c

42D482 1/4 "P" trap to wall, $\frac{1}{4}$ inch, nickel plated. Postpaid..... \$1.50

42D483 1/4 Same, chrome plated. Postpaid..... 1.85

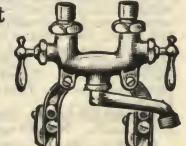
42D478 1/4 "S" trap to floor, $\frac{1}{4}$ inch, 26 $\frac{1}{2}$ inches high, nickel plated. Postpaid..... \$2.30

42D479 1/4 Same, chrome plated. Postpaid..... 2.75

Laundry Tub Faucet

Spout swings right and left, so that two tubs may be supplied with hot and cold water from one faucet. Threaded for $\frac{1}{2}$ -inch iron pipe. Spout is threaded for hose connection. Dipped nickel finish. Fastens to tub with adjustable clamps. We Pay Postage.

42D303 \$2.70



\$3.50
POSTPAID



OUTLASTS TWO ORDINARY TORCHES

Tests Prove It!

6-Inch Size
Postpaid



Stillson Pattern Wrench

A sturdy wrench made of high grade steel. Parts interchangeable with any standard Stillson wrench. Sizes 6 and 8-inch have wood covered steel handles. All other sizes have solid steel handles. Postpaid.

42D1148—Stillson Pattern Wrench.

Lgth., open, in.	6	8	10	14	18	24	36
Takes pipe, in.	3/8	3/4	1	1 1/2	2	2 1/2	3 1/2
Each	45c	50c	63c	85c	\$1.15	\$1.75	\$3.25

Hercules Chain Pipe Vise
A big time saver. Pipe can be locked in place or removed almost instantly. Holds any kind of pipe or pipes round or square, large or small, with rigid, unfinishing grip. Has strong malleable iron base, heavy chrome nickel steel chain and oil tempered tool steel jaws. Third small jaw grips short nipples, tees, ell's and odd shapes and supports small diameters without bending. Only pipe vise on the market with three jaws. For bench or post. Takes pipe size, 1/4 to 2 1/2 in. We Pay Postage. 42D1171 \$2.75

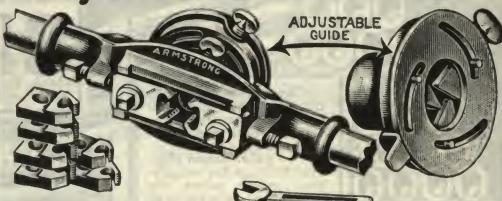
Clamp Pipe Vise
\$2.25 This is a very popular vise for moving about to different jobs. It is quickly and easily fastened to a bench or post Postpaid with the handy screw clamp which holds it with a firm grip. Extra heavy throughout. Side latch and hinge permit pipe to be placed in vise sideways. Made of malleable iron. Jaws and hooks are steel forgings. Postpaid.
42D1165 1/4—Takes pipe in sizes 1/4 inch to 1 1/4 inches. \$2.25
42D1173 1/4—Takes pipe in sizes 3/4 inch to 2 inches. \$3.00
For other Vises see Hardware pages or refer to Index.

\$2.75
Postpaid



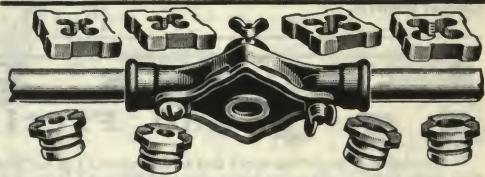
GENUINE ARMSTRONG

Adjustable Stocks and Dies



Genuine Armstrong, noted for easy operation and perfect results. Adjustable dies are calorized steel with double taper threads in throat. They last long, pull lightly and cut perfect threads. Threads are mill threaded, machine relieved. Open space in stock directly over throat provides means for oiling where threading starts. All sets are equipped with adjustable guide, eliminating loose ring guides, and assuring straight threads. In comparing prices, remember we give you the Genuine Armstrong, not merely a pattern or imitation. Each set packed in a hinged dovetailed wooden box. Postpaid.

Catalog No.	Threads Pipe Size, Inches Inclusive	Complete Set	Extra Dies, Ea. Size 2 Pieces	Bard Adj. Guides
42D839 1/2	1/4 to 1.....	\$ 7.60	\$ 1.35	\$ 2.20
42D840 1/2	1/2, 3/4, 1.....	5.20	1.35	2.20
42D841 1/2	1/2 to 1 1/4.....	8.85	1.70	2.65
42D842 1/2	1/2 to 1 1/4.....	12.00	1.70	2.65
42D843 1/2	1/4 to 2.....	11.40	3.00	3.50



Ever Ready Pipe Threader

Stocks are made of malleable iron, cutters in dies are of tempered tool steel. Cuts clean, sharp threads. 42D866 1/2 furnished with lead screw. Lead screws not required on smaller sizes. We Pay the Postage.

Catalog No.	Threads Pipe Size, Inches	Size, Dies	Com- plete Set	Extra Dies, Ea. Each	Extra Guides, Ea. Each
42D860 1/2	1/8, 1/4, 3/8, 1/2,	2 x 1/2	\$ 4.90	\$ 0.90	18c
42D861 1/2	1/2, 3/4, 1.....	2 1/2 x 1/2	4.68	1.00	26c
42D862 1/2	1/2, 3/8, 1/4, 3/4,	1	6.50	1.00	26c
42D864 1/2	1/4, 1, 1 1/4, 1 1/2, 2	2 1/2 x 1/2	5.90	1.28	38c
42D863 1/2	1/2, 3/8, 1/4, 3/4,	3 x 1/2	9.65	1.28	38c
42D866 1/2	1/4, 1/2, 1, 1 1/2, 2	4 x 1/2	9.15	1.60	49c

OSTER BULLDOG Pipe Threading Stocks and Dies



The Dies Open Up
No Backing Off
No Loose Bushings
Adjustable Guides

The most serviceable, durable and practical Pipe Threader in use today. Built to last a lifetime. Cuts clean, sharp, leakproof threads. A high grade pipe tool at a price you'll gladly pay. Used by professional plumbers and steamfitters everywhere. Dies instantly adjusted. When thread is cut, open dies and lift tool over finished thread.

We Pay the Postage.

Catalog No.	Plain Type For Pipe, Inches	Each
42D870 1/2	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4	\$ 9.62
42D871 1/2	1/2, 3/4, 1, 1 1/4, 2	12.58
42D872 1/2	1/2, 3/8, 1, 1 1/4, 2	16.42
42D873 1/2	1/2, 3/4, 1, 1 1/4, 2	18.48

Ratchet Type—Permits much faster work; also pipe can be threaded in close corners.

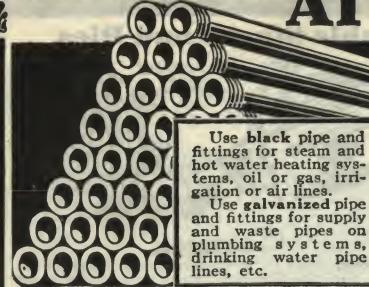
Catalog No.	Ratchet Type For Pipe, Inches	Each
42D876 1/2	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4	\$ 14.75
42D877 1/2	1/2, 3/4, 1, 1 1/4, 2	22.65
42D878 1/2	1/2, 3/8, 1, 1 1/4, 2	22.15
42D879 1/2	1/2, 3/4, 1, 1 1/4, 2	37.45

Burring Reamer

Tool steel. Fits common bit brace. Removes burr from pipe after cutting.

42D891—For pipe size, 1/4 to 1 inch. We Pay the Postage.....	65c
42D892—For pipe size, 1/4 to 1 1/4 in. We Pay the Postage.....	78c
42D893—For pipe size, 1/4 to 2 in. We Pay the Postage.....	\$1.60

STEAM, GAS AND WATER PIPE MALLEABLE IRON FITTINGS AT LOWER PRICES



Pipe Is Shipped Not Prepaid

Good quality evenly rolled stock, carefully welded and free from imperfections. Sizes, $\frac{1}{4}$ -inch to 4-inch, black and galvanized, in stock at our store. Prices on larger sizes quoted on application. Prices quoted here are for pipe furnished in random mill lengths, about 20 feet 6 in. long, threaded both ends. One coupling furnished with each piece of pipe. If wanted cut to specified lengths and threaded, couplings are not included and an extra charge is made for threading each end of each piece, as quoted in table at right. Allow cost of two threads for each piece of pipe. Prices subject to market changes.

Inside Diam., In.	Shpg. Wt., per Ft., Lbs.	42DM2100 $\frac{1}{4}$ Black, per Foot	42DM2101 $\frac{1}{4}$ Galvanized, per Foot	Threads Extra, Each End
$\frac{1}{4}$	14	3 $\frac{1}{2}$ c	5 $\frac{1}{2}$ c	5c
$\frac{3}{8}$	10	3 $\frac{3}{4}$ c	5 $\frac{3}{4}$ c	5c
$\frac{1}{2}$	14	3 $\frac{3}{4}$ c	6c	5c
$\frac{5}{8}$	15	4 $\frac{1}{2}$ c	7 $\frac{1}{2}$ c	5c
$\frac{3}{4}$	19	5 $\frac{1}{2}$ c	10 $\frac{1}{2}$ c	5c
$\frac{7}{8}$	24	8 $\frac{1}{4}$ c	10 $\frac{1}{4}$ c	7c
1	24	10 $\frac{1}{4}$ c	12c	9c
$1\frac{1}{2}$	24	13 $\frac{1}{4}$ c	15c	12c
$1\frac{1}{2}$	24	13 $\frac{1}{4}$ c	15c	12c
2	32	19 $\frac{1}{4}$ c	23c	15c
$2\frac{1}{2}$	53	28 $\frac{1}{4}$ c	36 $\frac{1}{2}$ c	15c
3	74	36 $\frac{3}{4}$ c	47 $\frac{1}{2}$ c	22c
$3\frac{1}{2}$	9	47 $\frac{3}{4}$ c	56c	28c
4	10	56c	—	33c

Brass Pipe and Fittings
and Fittings

Brass piping is becoming more and more popular with home owners. By using brass pipe and fittings rust incrustation inside the pipe is eliminated. This advantage of brass pipe, together with its factor of absolute permanence, makes it especially adapted for use on plumbing systems and fully accounts for its rapidly growing popularity. Install brass pipes when you build or when you refixure. The increased cost of brass on any plumbing system is comparatively small, because the supply pipe and fittings represent only a fractional part of the total cost of the material. Brass pipe comes in 12-foot lengths and is not threaded.

Brass Pipe and Fittings are Shipped Not Prepaid
For Copper Tubing and fittings, see page 38.

HOW TO ORDER FITTINGS AND VALVES

The sizes of standard pipe and fittings as given in this catalog refer to the INSIDE diameter of the pipe, in accordance with regular trade practice. The pipe sizes given for fittings, valves, faucets, etc., refer to the inside diameter of the pipe to which they connect and not to the diameter of the threads on the inside or outside of the fitting itself. For example, the outside diameter of a $\frac{3}{4}$ -inch pipe is almost one inch, so the threaded opening of any $\frac{3}{4}$ -inch valve or fitting measures about one inch in diameter. That is why many people make the mistake of ordering fittings too large. The diagram shown here gives exact outside diameter of all pipe sizes from $\frac{1}{4}$ -inch to 2 inches. Be sure to order correct size.

SHIPPING WEIGHTS—The shipping weights of pipe fittings varies according to the number ordered and the method of shipment. An estimate of the shipping weights and freight, express or parcel post charges will be furnished if desired, upon receipt of a list of the fittings in which you are interested.

Cast Iron Sink Traps

Used principally with our flat rim sinks and laundry tubs. Adjustable for swing to any angle as well as for height. Brass cleanout plugs. Not Prepaid.

42DM439

"P" Trap to wall for new style sinks. Size, $1\frac{1}{2}$ inches. Male thread outlet for iron pipe connection. Shpg. wt., 5 lbs. 60c

42DM440

Same, but with funnel for use with laundry tubs and old style sinks. Shpg. wt., $5\frac{1}{2}$ lbs. 80c

42DM443

Similar to above, but for old style sinks or laundry tubs. Not adjustable. Shpg. wt., 7 pounds. 60c

Iron Drum Taps

Size, $4\frac{1}{4} \times 5\frac{1}{4}$ inches. Nickel plated brass cover. Tapped $1\frac{1}{4}$ inches side and bottom. Shpg. wt., $6\frac{1}{2}$ lbs. Not Prepaid.

42DM438

Postpaid 98c

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

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Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

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Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

42DM436

Size, $4\frac{1}{4} \times 8\frac{1}{4}$ inches. Tapped for $1\frac{1}{4}$ -inch pipe. Nickel plated brass cover. Shpg. wt., $3\frac{1}{2}$ lbs. Not Prepaid.

Plumbers' Tools

Gasoline Blast Furnace



\$495

Postpaid A very high grade furnace, strong and substantially made. By removing top it may be used as a torch for thawing frozen water pipes, burning off old paint, heating glue pots, etc. Gives hot blue flame. Melts lead or solder quickly. Reservoir is galvanized.

We Pay the Postage.

42D1457 1/4..... \$4.95

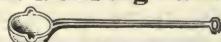
Melting Pot or Ladle not included in above price.

Calking Chisel

We Pay the Postage.

42D490—Straight Calking Chisel..... 24c
42D492—Right Hand Offset Calking Chisel..... 25c
42D494—Left Hand Offset Calking Chisel..... 26c

Plumbers' Melting or Pouring Ladle



Cast iron bowl. Steel handle, 3-inch ladle fits Melting Pot 42D496.

42D1460—We Pay the Postage.

Size, across bowl, inches..... 3 4 5

Price, each..... 20c 25c 43c



Cast iron.

Diameter at top, 5 inches. To fit 42D1457 1/4 furnacelist above. We Pay the Postage.

42D496..... 40c

Asbestos Joint Runner

For pouring lead into horizontal soil pipe joints. Fits up close to mouth of hub. Lead cannot leak out. Easily attached. Made of strong fiber asbestos with cast iron pouring lip and clamp. For 2, 4, 5 and 6-in. pipe.

We Pay the Postage. 42D484..... \$1.15

Basement or Garage Drain Trap

Not Prepaid.

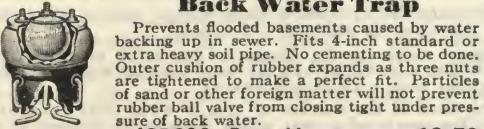
42DM618—Size, about 6x6 26c

Inches. Shipping weight 4 lbs.

42DM618—Size, about 9x9 inches. 68c

Shipping weight, 12 pounds.

42DM620—Size, 12x12 inches. Shipping weight, 16 pounds. \$1.05



Back Water Trap

Prevents flooded basements caused by water backing up in sewer. Fits 4-inch standard or extra heavy soil pipe. No cementing to be done. Outer cushion of rubber expands as three nuts are tightened to make a perfect fit. Particles of sand or other foreign matter will not prevent rubber ball valve from closing tight under pressure of back water.

42D600—Postpaid..... \$2.70

SAVE MONEY on These BRASS VALVES

Valves Are Shipped Not Prepaid

Brass Globe Valve	Brass Angle Valve	Brass Gate Valve
42DM538	42DM540	42DM536
For Shpg. Pipe, Wt., In. Lbs.	For Shpg. Pipe, Wt., In. Lbs.	For Shpg. Pipe, Wt., In. Lbs.
1/4 3/4 \$0.37	1/4 3/4 \$0.37	1/4 3/4 \$.65
1/2 5/8 .539	1/2 5/8 .539	1/2 5/8 .80
1/2 5/8 .550	1/2 5/8 .550	1 2/3 1.10
1/2 5/8 .559	1/2 5/8 .559	1 1/4 1.50
1 1/4 6/8 1.206	1 1/4 6/8 1.206	1 1/4 5 2.00
1 1/4 6/8 1.666	1 1/4 6/8 1.666	2 7/8 2.85
2 1/2 7/8 2.60	2 1/2 7/8 2.60	2 1/2 7/8 2.60



Jenkins Disc Pattern Globe Valves



Compression Stop and Waste Cock Valve



Compression Sill Cock



Stop and Waste Cock

For Shpg. Pipe, Wt., In. Lbs.	For Shpg. Pipe, Wt., In. Lbs.	For Shpg. Pipe, Wt., In. Lbs.
3/4 1/2 \$0.58	3/4 1/2 \$0.92	3/4 1/2 \$0.58
1 1/4 1.08	1 1/4 1.50	1 1/4 1.46
1 1/4 1.70	1 1/4 2.10	1 1/4 2.40

42DM385..... 65c

42DM576

42DM585

42DM586

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Improve Your Home Now!



Every Outfit Guaranteed

All of our Pneumatic Water Supply Systems are guaranteed to give satisfactory service and to be fully up to representation in every way. All parts are carefully made, and these outfits will measure up to the highest standard in workmanship, finish and material. Tanks are all strongly made. Tanks furnished with our hand power water supply systems are built with double riveted horizontal seams. The smaller tanks furnished with our Ever Ready Electric Water Supply Systems have welded seams. All tanks are carefully tested and guaranteed airtight. You can take all the time you want to give the outfit a fair trial, and if for any reason whatever you are not entirely satisfied with your purchase, you can return the outfit to us and your money will be cheerfully returned.

No Trudging Through the Rain and Snow Carrying Water From the Pump in the Yard

Easily Installed

Our Ever Ready Pneumatic Water Supply Systems are very easily installed. It does not require an experienced plumber or pipefitter to connect up any of these outfits, nor does it require an experienced electrician to connect up our Ever Ready Automatic Electric Outfits. All you have to do is to connect two wires to your wiring system, connect up the pipe and it is ready for use. Full instructions for installing and operating are furnished with all of these various systems, and any man who can cut and thread ordinary iron pipe can easily install any of these outfits by following our simple plans and instructions.

Write for Our Estimate, Cash or Easy Payment Terms

If in doubt as to which outfit will best suit your purpose, fill out one of our special water supply information blanks enclosed with this catalog and return it to us for our special estimate. We will prepare a complete proposition for you on a modern outfit that we will guarantee to take care of your requirements, and you will find our prices very reasonable. Be sure to state whether you wish to pay cash or purchase on easy payments.

Why not act right now? Fill out the information blank and send it to us. We will make you an estimate on one of these modern outfits and you begin at once to enjoy the great conveniences of modern plumbing in your home.

Fresh, Pure, Running Water at the Turn of a Faucet

You will find our complete line of modern water supply systems fully illustrated and described on the following pages of this catalog.

Why continue to carry water for the house, for the stock or the garden, trudging through the rain and snow, when you can have running water any place you want it on the farm for such a small investment?

Did you ever stop to think of the number of tons of water that are carried on the average farm in the course of a year where there is no Modern Water Supply System installed? Just stop a moment and figure the number of buckets of water that you carry from the pump every day, and then figure what this amounts to in the way of hard labor in the course of a year. When this is reduced to actual figures, the result is really startling, and if those folks who continue to carry water day after day could realize how easy it is to eliminate all this unnecessary labor, we feel sure there would not be a farm home in the country without one of these Modern Water Supply Systems.

We Have Outfits for Every Requirement

You will find outfits of various types and sizes in this catalog to meet any ordinary requirements. We have Automatic Electric, Gasoline Engine Driven, and Hand Power outfits, all of which are fully illustrated and described in this catalog. For the farm home or town residence where electric current is available, the best outfit to install is one of our Automatic Electric Outfits. If electric current is not available we recommend our Gasoline Engine Driven Outfits. These Water Supply Systems can be furnished for pumping water from deep wells as well as from shallow wells, cisterns, etc.



How to Figure Pipe for Kitchen Plumbing

For SUPPLY pipe run $\frac{3}{4}$ -inch pipe from pressure tank to sink, and to range boiler and return for hot water. Heat water by water front in kitchen range, by coils in furnace, or by one of our gas water heaters (see page 37). Run $\frac{3}{4}$ -inch pipe from boiler to stove or heater and return. Run $\frac{1}{2}$ -inch pipe to laundry tubs for hot and cold water. Use iron pipe and fittings, listed on page 40.

For WASTE pipe from sink and laundry tubs use $1\frac{1}{2}$ -inch iron pipe. Make turns and branches with DRAINAGE FITTINGS shown on page 40. Run vent from waste pipe to roof. Outside house use 4-inch soil pipe (see page 41) for drainage. It is best to run kitchen drainage into catch basin 15 feet from house, and from there into sewer or field ditch.

Easy Payments If You Wish

Enjoy This Great Convenience While Paying

The president of an American college has stated that possibly nine-tenths of the drudgery on the farm consists in carrying water from the source of supply to the point of application and in the disposition of the water after use. He points out that a bucket of water contains two gallons, weighs about 20 pounds, and when handled six times the total weight lifted is 120 pounds. He estimates that the use of water in cooking, bathing, scrubbing and weekly washing will raise the lift per day easily to a ton, and that this will "take the elasticity out of a woman's step, the bloom out of her cheek and the enjoyment out of her life." He mentions that this daily lift can be eliminated "if the farmer can be brought to see that the farm is also the heir to modern invention."

The professor is right! If those people now living on farms throughout the country where no modern plumbing fixtures or running water have been installed could fully appreciate the great comforts to be derived from these modern sanitary improvements there would be few farm homes, indeed, without these modern improvements.

How many people there are who would not think of being without a few luxuries, but are still without these modern sanitary conveniences on the farm! These luxuries are used perhaps only two or three days during the week, and during many weeks of the year some of them may not be used at all.

If you will stop to think a moment you will see that practically two-thirds of your lifetime is spent in your home. Certainly you should spare no effort to make it an ideal place in which to live.

The health, happiness and comfort of yourself and your entire family demand these modern conveniences, and they are easily within your reach.

As an Investment

There is not a single investment we know of that will add more to the health, happiness and comfort of yourself and your entire family than the installation of a modern plumbing system with running water in your home. Just think of the tons of water carried by your wife or children in the course of a year for ordinary household use.

Think of the many thousands of steps which could be saved and the great relief from drudgery for the women folks, if you had a modern sanitary sink with running hot and cold water in your kitchen and a set of laundry tubs in your basement.

See
Page 52

What a tremendous amount of work you could save yourself by having a modern automatic electric water supply system, such as listed on the following pages, in your home or on your farm. When tired out after coming in from the field, you could just open a faucet and fill the tank to water the stock, instead of having to pump water by hand for half an hour or more.

Then last but not least is the great benefit you would derive from a modern bathroom outfit in your home. On those hot, sultry days in summer you could take a nice cool shower bath. That old outhouse with its contaminating swarms of flies, odors and germs would be done away with.

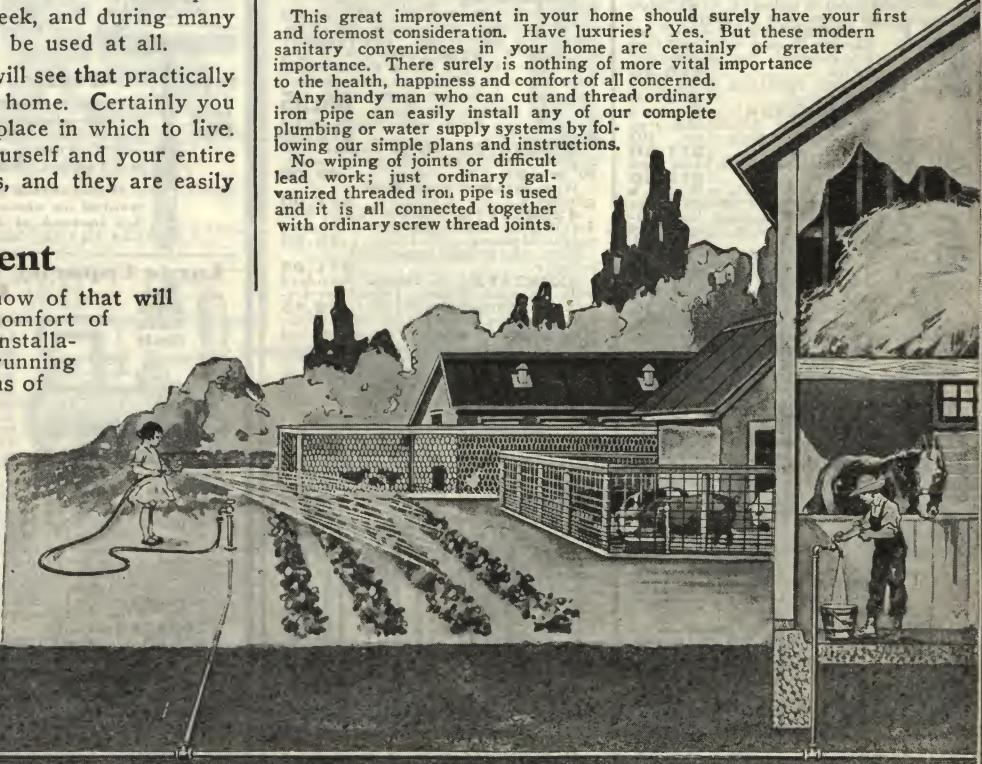
What a great comfort for the old folks, invalids, women and guests. No trudging through the deep snow in winter, facing the blizzard in below zero weather, or going out on rainy and stormy days and dark nights. Summer or winter it is a necessity. We do not know of a more necessary improvement you can make in your home.

There Is No Reason Why You Cannot Now Enjoy the Great Comfort and Convenience of Running Water and Modern Plumbing in Your Home

This great improvement in your home should surely have your first and foremost consideration. Have luxuries? Yes. But these modern sanitary conveniences in your home are certainly of greater importance. There surely is nothing of more vital importance to the health, happiness and comfort of all concerned.

Any handy man who can cut and thread ordinary iron pipe can easily install any of our complete plumbing or water supply systems by following our simple plans and instructions.

No wiping of joints or difficult lead work; just ordinary galvanized threaded iron pipe is used and it is all connected together with ordinary screw thread joints.



The Size of Outfit You Will Need

To determine the size water supply system you will need to take care of your requirements, it is first necessary, of course, to estimate as accurately as you can the average number of gallons of water that are used on your premises per day. The average family uses from 75 to 125 gallons of water per day for the house alone. Then, of course, if you have stock to take care of, it will be necessary for you to make allowance for this. Always select an outfit with a little excess capacity.

On the following pages we list pumps and water supply outfits for operation by hand, electric motor and gasoline engine, for shallow wells, lakes and streams, as well as for deep wells. If you have electricity in your home, we highly recommend our Automatic Electric Water Supply Outfits. If you haven't electricity, you can just as easily install one of our Gasoline Engine Driven or Hand Power Water Supply Systems at reasonable cost. If you are not sure what size or what type of water system is best suited to your requirements, write us for free engineering service.

A Pump for Every Need at Lower Cost

Ever Ready Hand Power Water Supply System



Just the thing for the up to date home. Gives you all the running water you need, and requires only 15 minutes pumping a day. Double action force pump is very easy to operate. It has easy working geared head with brass cased piston rod and brass air attachment. Pumps air and water at the same time. Large air chamber, well made and carefully machined. Has 3-inch brass lined cylinder, 5-inch stroke, 1 1/4-inch suction and 1-inch discharge. Suction limit is 20 feet. Complete outfit includes tank, pump and all necessary valves, gauges and connections. Order 1 1/4-inch galvanized pipe to connect pump with well, and 3/4-inch galvanized pipe to make connection between tank and plumbing fixtures. Can easily be converted into a power outfit for a gasoline engine drive by attaching our 23DM331 Pump Jack. When used with engine drive a relief valve should be installed.

Shipped by freight or express. Not Prepaid.
Outfits With Black Tank

	Diam. In.	Lghth. Feet	Cap. Gal.	Shpg. Wt., Lbs.	Cash Price
42DM3612 1/2	24	6	140	320	\$42.35
42DM3614 1/2	30	6	220	510	59.95
42DM3616 1/2	36	6	315	600	66.35

Outfits With Galvanized Tanks

	Diam. In.	Lghth. Feet	Cap. Gal.	Shpg. Wt., Lbs.	Cash Price
42DM3613 1/2	24	6	140	330	\$45.35
42DM3615 1/2	30	6	220	515	66.15
42DM3617 1/2	36	6	315	610	75.00

For Easy Payments see page 52

42DM218 1/4—Pump only, as described above, for use with pneumatic water systems. Shipping weight, 70 pounds. \$12.75

42DM218 1/4—Pump only, same as above, but without air attachment. Used for pumping water to elevated tanks, cleaning, filling and testing boilers and tanks, for fire protection and as a deck pump. Shpg. wt., 70 lbs. Not Prepaid. \$12.25

\$42.35
And Up

WINDMILL and HAND FORCE PUMPS



\$10.40

Iron
3x10-In.

Extra Heavy
Windmill
Set Length
Force Pump

Takes
1 1/4-
Inch
Pipe
For wells up to 150 ft. deep. Can be operated by hand windmill or pump jack. Six-inch stroke. Tapped back of spout for 1 1/4-inch pipe. Spout has hose clevis, so that by inserting a blank leather washer water can be forced to elevated tank or through hose for sprinkling, washing windows, automobiles, etc. Bottom of cylinder, 4 feet below pump. Not Prepaid.

42DM239 3 1/4—Ft. Set Length Pump p with 3x10-inch iron cylinder. Shipping weight, 98 lbs. With 3x10-inch brass lined cylinder. \$10.40

42DM239 4 1/4—Same p with 3x10-inch iron cylinder. Shpg. wt., 102 lbs. \$11.50

With 3 1/4x10-inch brass lined cylinder. \$13.50

42DM239 5 1/4—Same p with ten-inch stroke and 3x16-inch brass lined cylinder. Shipping weight, 115 lbs. \$13.65

42DM239 6 1/4—Windmill Force Pump Standard only. 6-inch stroke. Tapped for 3x10-inch pipe or smaller. Shipping weight, 77 lbs. \$7.50

42DM239 7 1/4—Windmill Force Pump Standard only. 10-inch stroke. Tapped for 2 1/2x10-inch pipe or smaller. Shipping weight, 85 pounds. \$8.25

Prices below are for pumps complete with iron cylinder, black pipe and pump rod, all cut and fitted ready to install in depth specified. For shpg. wt. allow for weight of pump as given above and add 2 1/2 lbs. per foot. We recommend brass lined cylinders for wells over 25 feet deep.

Depth of Well, Feet	42DM239 3 1/4 With 3x10-In. Iron Cylinder For Brass Cylinder	42DM239 4 1/4 With 3x10-In. Iron Cylinder For Brass Cylinder	42DM239 5 1/4 With 3x10-In. Iron Cylinder For Brass Cylinder
10	\$11.15	\$12.25	\$14.40
15	11.75	12.85	15.00
20	12.35	13.45	15.60
25	12.95	14.05	16.20
30	15.65	16.75	18.90
35	16.60	17.70	19.85
40	17.60	18.70	20.85
45	18.60	19.70	21.85
50	19.60	20.65	22.80
55	20.65	21.65	23.80
60	21.55	22.65	24.80

If galvanized pipe is wanted on above outfits instead of black, add 3/4 cent per foot.

Outfits quoted above for wells over 25 feet deep have cylinder at bottom of pipe. Outfits for wells 25 feet deep and under have cylinder 4 feet below pump platform.

For Windmills see our big General Catalog.

\$8.95
Iron
2 1/2x10-In.

Extra Heavy
Hand
Force Pump

Takes 1 1/4-
Inch
Well
Pipe

Bottom of cylinder comes 4 feet below pump platform. 6-in. stroke. Not Prepaid.

42DM2409 5—Same p with 3x10-in. iron cylinder. 4 ft. set length. \$8.95

With 2 1/2x10-inch brass lined cylinder. \$10.80

42DM2410 1/4—Same Pump, with 3x10-in. iron cylinder. Shipping weight, 80 pounds. \$9.00

With 3x10-inch brass lined cylinder. \$11.00

42DM2411 1/4—Same Pump, with 3 1/2x10-in. iron cylinder. Shipping weight, 81 pounds. \$9.95

With 3 1/2x10-inch brass lined cylinder. \$11.95

42DM2413 1/4—Pump Standard only. 6-inch stroke. Tapped for 1 1/4x10-inch pipe. Shipping wt., 55 lbs. \$6.45

Prices given below are for pumps complete with iron cylinder, black pipe and pump rod all cut and fitted ready to install in depths of well specified. For shipping weights allow for weight of pump as given above and add 2 1/2 pounds per foot. We recommend brass lined cylinders for wells over 25 feet deep.

Depth of Well, Ft.	42DM2409 5 With 3x10-In. Iron Cylinder For Brass Cylinder	42DM2410 1/4 With 3x10-In. Iron Cylinder For Brass Cylinder	42DM2411 1/4 With 3 1/2x10-In. Iron Cylinder For Brass Cylinder
10	\$9.75	\$9.80	\$10.75
15	10.35	10.40	11.95
20	10.95	11.00	12.55
25	11.55	11.60	13.20
30	12.20	12.25	14.80
35	12.80	12.85	16.20
40	13.40	13.50	17.60
45	13.95	14.00	18.15
50	14.50	14.55	19.60
55	15.05	15.10	20.15
60	15.60	15.65	21.15
65	16.15	16.20	22.10
70	16.70	16.75	23.10
75	17.25	17.30	24.10

If galvanized pipe is wanted on above outfits instead of black, add 3/4 cent per foot.

Outfits quoted above for wells over 25 feet deep have cylinder at bottom of pipe. Outfits for wells 25 feet deep and under have cylinder 4 feet below pump platform.

For Windmills see our big General Catalog.

WE DO NOT PAY FREIGHT

42DM858.....77c

SAVE ONE-HALF on CISTERNS PUMPS

Cistern Force Pump

\$5.30

Plain Spout

For wells or cisterns 20 feet deep or less. Has solid brass cylinder, valve seat and stuffing nut; bronze pump rod. Gooseneck spout fitted with hose coupling or faucet spout.

Tapped for 1 1/4-inch suction pipe. Spout is tapped for 1-inch pipe, for forcing water to elevated tank, etc. Suction pipe not included. Shipping weight, 25 pounds. Not Prepaid.

42DM2377 1/4—With 3-inch plain spout and 3-inch cylinder. \$5.30

42DM2379 1/4—With faucet spout, as illustrated, and 3-inch cylinder. \$5.50

For Pump and Sink Outfits Complete See Page 38

Pitcher Spout Pump

\$1.75

3-In. Iron

One of the most popular and serviceable Kitchen Sink Pumps on the market. For wells or cisterns 20 feet deep or less. Handle may be turned in any direction. Tapped for 1 1/4-inch suction pipe. Order pipe from your pump shop.

42DM2370 1/4—With 3-inch iron cylinder. \$1.75

42DM2371 1/4—With 3-inch brass lined cylinder. \$2.30

42DM2372 1/4—With 3 1/4- inch iron cylinder. \$2.00

42DM2373 1/4—With 3 1/4- inch brass lined cylinder. \$2.50

MEDIUM and HEAVYWEIGHT LIFT PUMPS

Furnished in mediumweight or heavyweight as listed below, these pumps represent very unusual values. The mediumweight pump is for wells up to 30 feet in depth. Has 6-inch stroke and takes 1 1/4-inch pipe. Cylinder comes four feet below pump platform. While we guarantee this pump to be suitable for wells up to 30 feet deep by adding extra pipe, still, considering the slight difference in price, we strongly recommend the heavyweight pump as being more satisfactory for general farm service. This mediumweight pump is, however, a notable value at the price we offer it, and equal to many pumps sold by others at higher prices than we ask here.

42DM2346 1/4—Mediumweight Lift Pump with 3x10-inch iron cylinder. Four-foot set length. Shpg. wt., 55 lbs. Not Prepaid.

The heavyweight pump is strong and substantially built and should not be confused with pumps of lighter construction offered by others at about the price we ask for this quality product. Made up complete with cylinder, pipe and pump rod as shown. Takes 1 1/4-inch pipe. Cylinder comes four feet below pump platform. This pump is sufficiently heavy and strong for use in wells up to 60 feet deep, by adding extra pipe and pump rod.

42DM2351 1/4—With 3x10-inch iron cylinder. Four-foot set length. Shpg. wt., 62 lbs. Not Prepaid.

42DM2352 1/4—With 3 1/2x10-inch iron cylinder. Four-foot set length. Shpg. wt., 65 lbs. Not Prepaid.

Prices below are for heavyweight pumps all made up and ready to install complete with iron cylinder, black pipe and pump rod for depths of well specified. Not Prepaid. For shipping weights allow for weight of pump as given above and add 2 1/2 pounds per foot for extension.

Depth of Well	42DM2351 1/4 With 3x10-In. Iron Cylinder, For Brass Lined Cylinder, Add \$2.00	42DM2352 1/4 With 3 1/2x10-In. Iron Cylinder, For Brass Lined Cylinder, Add \$2.00
10 ft.	\$ 7.00	\$ 7.75
15 ft.	7.60	8.35
20 ft.	8.20	8.95
25 ft.	8.80	9.55
30 ft.	11.45	12.20
35 ft.	12.45	13.20
40 ft.	13.45	14.20
45 ft.	14.45	15.20
50 ft.	15.40	16.15
60 ft.	17.40	18.15

Large Capacity Tank Pump

Has Brass Valve Seats

For filling threshing tanks, for emptying cesspools, etc., or for any purpose where it is desired to pump a large volume of water. Pumps 50 gallons per minute. Suction limit, 20 feet. A strictly high grade pump. Has brass valve seats, a feature not contained in many competitive pumps. Cylinder, 5 inches in diameter, 5-inch stroke. Suction and discharge threaded for 2-inch iron pipe. Hose connections also included. 2-inch hose nipple and clevis for suction; 1-inch for discharge. Shpg. wt., 78 lbs. Not Prepaid.

42DM2266 1/4—\$10.80

42DB28—5-inch crimped plunger leathers. Set of 2. Postpaid. 75c

Rotary Barrel Pump

Hand Rotary Barrel Pump. For pumping gasoline, motor oil, syrup or other liquids out of barrels. Much used for filling gasoline tanks on traction engines, automobiles, etc. Forces liquids 15 to 20 feet above pump. Made of iron. Fits steel barrel 5-foot discharge hose and gooseneck. Hose is of solid construction. For gasoline or oil. Pumps 13 gallons per minute. Not Prepaid.

42DM2263 1/4—Shipping weight, 65 pounds. \$16.25

42DM2264 1/4—Same as above, except with regular rubber hose for water or other liquids, except gasoline or oil. \$14.00

For other Barrel Pumps, see our big General Catalog.

HOW to ORDER a PUMP OUTFIT

If the distance from pump platform to the lowest water level is less than twenty-five feet, you can use one of our four-foot set length pumps, quoted on this page, and order sufficient extra pipe to reach about three feet below water.

If the distance to the lowest water level is over twenty-five feet, cylinder must be placed below water. Lift pump draw water to the pump spout only. If you want to force the water to an elevated tank or pressure tank, order a force pump.

To charge 2¢ per foot for elevation to cost of pump rod and pipe for cutting and fitting pump outfit to specifications.

We have listed a number of pumps on this page, completely made up, with pipe, pump rod and cylinder, cut and fitted for depths of well specified. Prices given on these outfit include all cost for cutting and fitting. Measure distance from pump platform to water level in well during dry season and order outfit five feet longer than this so cylinder will come below the water line. Outfits for wells twenty-five feet deep and under have cylinder placed four feet below pump. For deeper wells cylinder is placed at bottom of extension pipe and pump rod is extended down.

NOTE—When ordering repair parts for Pumps please be sure to state casting number of parts wanted. For Easy Payments, see Page 52.

Is \$50.00 Worth Saving?

Certainly it is—when nothing is lost in value! You can safely take the saving here—\$50.00 more could buy no better Air Compressor elsewhere. This unusually high grade model, entirely automatic, is built for grueling service. Especially right for garages, service stations and tourist camps. Provides free air and brings new business your way. Larger sizes are suitable also for air doors, machine shops and light spray painting.

Operated by heavy duty electric motor of repulsion-induction type, with unusually high starting torque. Can run heavily loaded for hours without overheating.

Simple, Sturdy, Dependable

Automatic pressure switch starts and stops motor to maintain a constant pressure in the tank. Large capacity tank permits the filling of fourteen 29x4.40 tires to 30 pounds pressure before motor starts. Large 33-gallon capacity tank is made of heavy gauge seamless steel, thoroughly tested. Size, 36 inches long; 16 inches in diameter. Compressor is of the single cylinder type with splash oiling system. Operates at a speed of 375 R.P.M., air cooled from fan blades on fly wheel. Roller bearings insure smooth quiet operation and longer life with less vibration. An automatic safety valve blows to release air if pressure gets too high. An improved V-type belt prevents slipping and is unusually long wearing.

Furnished in three sizes as listed below, with capacities of 1½, 2½, and 3½ cubic feet of air per minute.

1½ cu. ft. type has 1½" pressure cylinder.

2½ cu. ft. type has 2½" pressure cylinder.

3½ cu. ft. type is two-stage operation, low pressure cylinder, 3x3; high pressure cylinder, 1½x3.

Motors regularly furnished for 110 to 120-volt or 210 to 230-volt circuit, single phase, 60-cycle alternating current. Can be furnished for 25, 30 or 40-cycle currents at an extra charge of \$2.50. For gasoline engine driven outfit, write for prices.

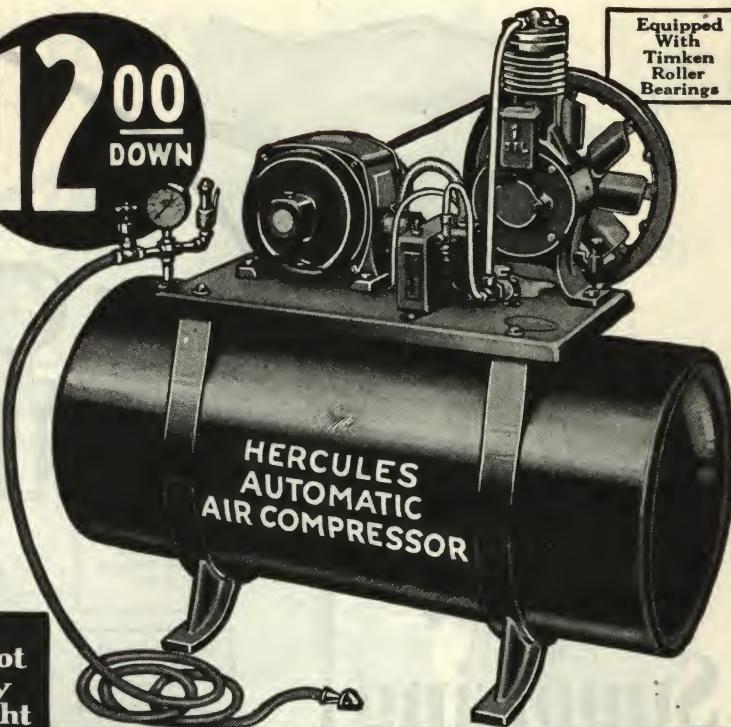
Each size is furnished with twenty-five feet of high grade air hose with Schrader chuck.

When Ordering on Easy Payments Use Time Payment Order Blank Enclosed.

Catalog Number	Capacity, Cu. Ft.	Motor Size	Shpg. Wt. Lbs.	Cash Price	Easy Payment Price	Payment With Order	Payment Per Month
42DM4078½	1½	½ h.p.	295	\$102.50	\$113.50	\$12.00	\$10.00
42DM4079½	2½	½ h.p.	310	121.75	132.75	12.00	10.00
42DM4080½	3½	¾ h.p.	395	141.00	154.00	16.00	11.00

We
Do Not
Pay
Freight

Not Prepaid

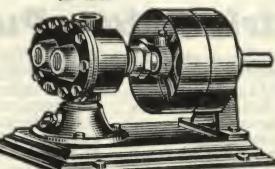


13 Gallons a Minute! Think of That

Will force water a horizontal distance of 200 feet and throw a solid stream 20 feet. An excellent pump for raising a large amount of water with minimum amount of power where lift is not over 15 feet and elevated tank into which water is forced is not over 110 feet above pump. Reliable protection in case of fire. Driving shaft made long enough to allow use of belt pulley with hand so pump may be worked by hand when desired. Can be run at 300 revolutions per minute without injury although 200 is recommended. High speed permits belting direct to engine. Cannot be belted direct to electric motor. If wanted with balance wheel and handle for hand power, allow \$5.50 extra. If you wish to pump gasoline or benzine, or other such light bodied liquids, be sure to order the special gasoline pump quoted below. Specify capacity of pump desired. If Spout is wanted, add 75¢ extra. Shipped Not Prepaid.

Gallons per Minute	H.P.	Pipe Size, In.	Pulley In.	Shpg. Wt. Lbs.	42DM2275½ For Water and Heavier Liquids	42DM2276½ Special for Gasoline, Etc.
		Inlet	Outlet			
13	1	1¼	1	80	\$12.95	\$15.25
17	1	1½	1½	98	16.95	19.50
36	3	2	2½	120	37.25	38.50

\$12.95 And Up



ACME ROTARY POWER FORCE PUMP

Malleable Iron Driving Caps

42DM834—Screwed on top of pipe to protect threads when driving it down. Not Prepaid. Size, inches 1½ 1½ 2 2½ Shpg. Wt., lbs. 130 36c 66c Each.

Well Boring Outfit



Shipping Weight 50 Lbs.
handle. Not Prepaid. \$6.95

For Other Posthole Implements see General Catalog.

Drive Well Points

Made of wrought iron pipe, with solid forged high carbon steel point. Punched with new design rectangular holes, increasing the inflow of water 25 per cent over old type oval holes. Galvanized inside and out after holes are drilled. Covered with brass jacket. No. 60 gauze is used for coarse and No. 100 for fine sand. Not Prepaid.

42DM1136½-60-Gauge
42DM1138½-100-Gauge

Diameter, Inches	Lgh. Over-all, Inches	Shpg. Wt., Lbs.	60-Gauge	100-Gauge
1½	30	5	\$1.45	\$3.00
1½	36	7	2.80	3.85
1½	42	8	2.90	4.60
1½	42	9	2.90	5.30
2	42	14	4.10	7.00
2	54	16	5.25	9.25

Galvanized Round Steel Pump Rod

Size, ½ inch. Not threaded. Shpg. wt., per foot, 8 oz. Not Prepaid. 42DM2103½-Per foot. 6c Threads, extra, per cut.....5c

Galvanized Pump Rod Couplings To fit above pump rod. Shpg. wt., 4 ounces. Not Prepaid. 42DM8226c

100% AUTOMATIC

- 1 Heavy duty motor of repulsion-induction type. Will not overheat.
- 2 Automatic switch starts and stops motor to maintain constant pressure in tank.
- 3 V-type belt, very long wearing.

4 Roller bearings insure smooth, quiet operation and longer life.

5 Pressure gauge mounted on tank.

6 High grade seamless steel tank, with a capacity of 33 liquid gallons.

Pump Cylinders

10-inch cylinders have 6-inch stroke and 16-inch a 10-inch stroke. Cylinders 3½ inches in diameter fitted for 1½ inch pipe; all others fitted for 1¼ inch pipe. 10-inch cylinders have one leather on plunger; 16-inch cylinders have two. Brass lined cylinders have seamless brass tubular lining, brass plunger, cage and seat. **State size wanted.**

Iron Cylinders With brass valve seats.		42DM1105½ 10 Inches Long	
Diameter, Inches	Shpg. Wt.	Not Prepaid	Shpg. Wt.
2½	11 lbs.	\$1.65	11 lbs.
3	12 lbs.	1.85	12 lbs.
3½	15 lbs.	2.35	15 lbs.

Brass Lined Cylinders		42DM1126½ 10 Inches Long		42DM1128½ 16 Inches Long	
Diam., Inches	Shpg. Wt.	Not Prepaid	Shpg. Wt.	Not Prepaid	Shpg. Wt.
2½	11 lbs.	\$3.50	16 lbs.	\$3.95	24 lbs.
3	12 lbs.	3.85	18 lbs.	4.25	32 lbs.
3½	15 lbs.	4.35	24 lbs.	5.75	40 lbs.

New Process Pump Leathers

42D828	Plunger leathers made of good quality leather.	42D830	Check valve leathers, made of very tough good quality leather.
State size wanted.	State size wanted.	4	4

Inside Diam. of Barrel of Cylinder Which Leather Will Fit	Each, Post-paid	Actual Outside Diameter of Leather	Each, Post-paid
2 in.	8c	2½ in.	5c
2½ in.	9c	2½ in.	6c
3 in.	11c	3 in.	8c
3½ in.	12c	3½ in.	10c
4 in.	14c	4 in.	12c
4½ in.	15c	4½ in.	14c
5 in.	21c	5 in.	16c
5½ in.	23c	5½ in.	18c
6 in.	30c	6 in.	20c

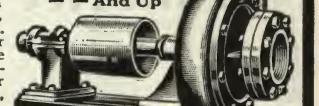
Little Giant Pipe Holder

The harder the pull, the tighter the grip. For 1, 1½ and 2-in. pipe. Dog has corrugated chilled surface. Shpg. wt., 35 lbs. 42DM1134½ Not Prepaid \$3.00



HERCULES Centrifugal Pumps

\$11.95 And Up

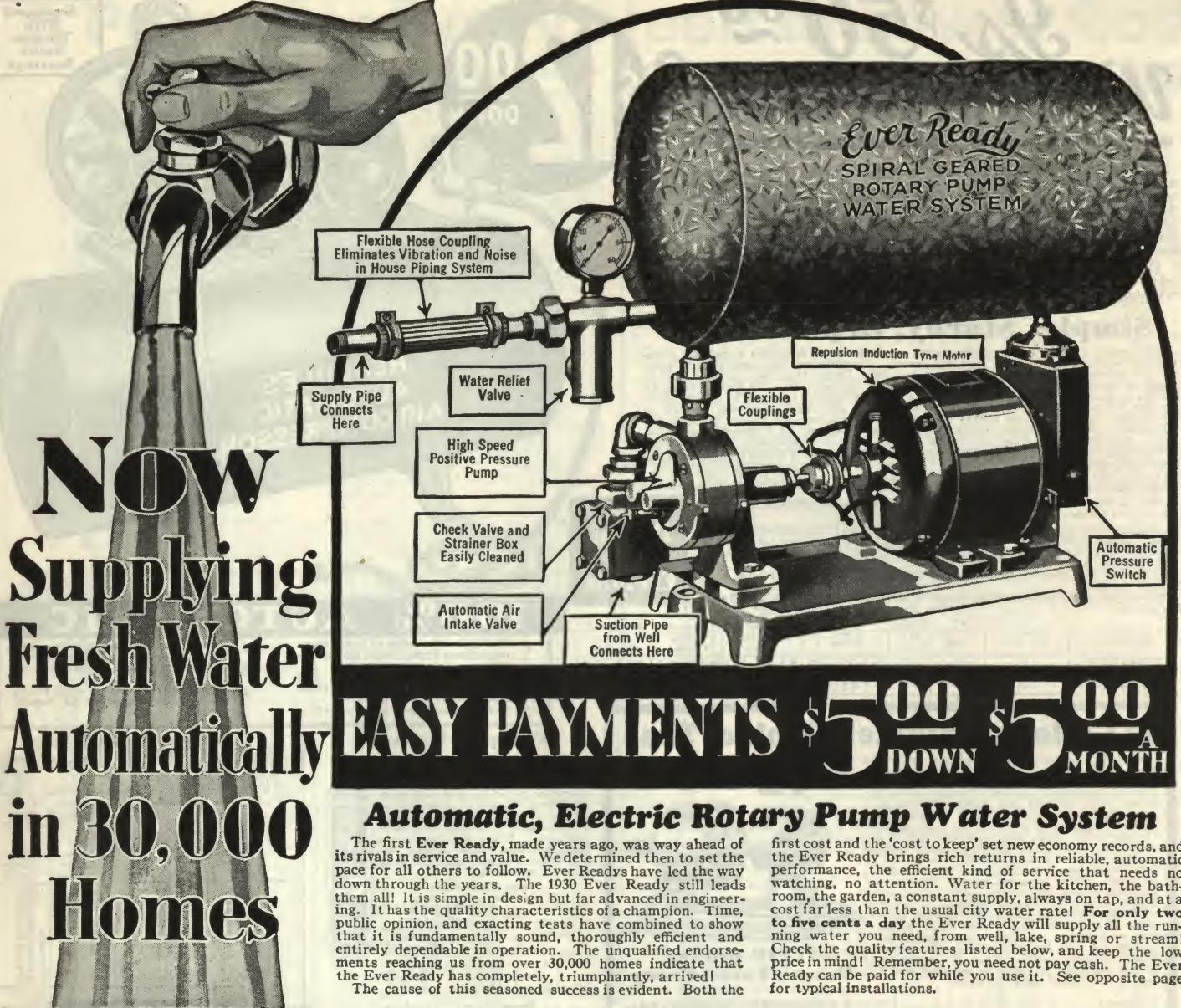


Catalog No.	Size No.	Cap. Per Min. in Gal.	Diam. Suction Inches	Diam. Discharge Inches	Pulley Size, Inches Face	Shpg. Wt., Lbs.	Not Prepaid
42DM2329½	½	15	1	¾	3 2½	31	\$11.95
42DM2330½	1	25	2	1½	3 2½	32	23.95
42DM2332½	1½	40-80	2	1½	4 4	70	44.95
42DM2333½	2	100-160	2½	2	4 4	94	56.60
42DM2334½	2½	180-260	3	2½	6 6	177	43.70
42DM2335½	3	280-340	4	3	7 6	205	54.70
42DM2337½	4	460-650	5	4	8 8	356	72.95

Motor Driven Centrifugal Pumps

For boosting circulation in heating systems, for pumping water or brine in dairies, refrigerating plants, etc. Complete with motor for single phase, 60-cycle, 110 or 220 volt alternating current. For other currents or larger sizes write for prices. Shipped from factory in Northern Indiana. Not Prepaid.

Catalog No.	Size	Motor H. P.	Capacity, Gallons Per Min.	Head Against Which Pump Operates	Shpg. Wt., Lbs.	Price Complete
42DM2450½	½	½	15	10 Ft.	155	\$65.95
42DM2451½	½	½	15	20 Ft.	160	75.95
42DM2452½	½	½	15	40 Ft.	190	82.95
42DM2453½	1	½	25	10 Ft.	165	74.95
42DM2454½	1	½	25	20 Ft.	187	83.95
42DM2455½	1	½	25	40 Ft.	200	92.95



**NOW
Supplying
Fresh Water
Automatically
in 30,000
Homes**

**\$49⁷⁵
AND UP**

Cash Price

WE SAVE YOU MONEY

Automatic, Electric Rotary Pump Water System

The first Ever Ready, made years ago, was way ahead of its rivals in service and value. We determined then to set the pace for all others to follow. Ever Ready's have led the way down through the years. The 1930 Ever Ready still leads them all! It is simple in design but far advanced in engineering. It has the quality characteristics of a champion. Time, public opinion, and exacting tests have combined to show that it is fundamentally sound, thoroughly efficient and entirely dependable in operation. The unqualified endorsements reaching us from over 30,000 homes indicate that the Ever Ready has completely, triumphantly, arrived!

The cause of this seasoned success is evident. Both the

first cost and the 'cost to keep' set new economy records, and the Ever Ready brings rich returns in reliable, automatic performance, the efficient kind of service that needs no watching, no attention. Water for the kitchen, the bathroom, the garden, a constant supply, always on tap, and at a cost far less than the usual city water rate! **For only two to five cents a day** the Ever Ready will supply all the running water you need, from well, lake, spring or stream! Check the quality features listed below, and keep the low price in mind! Remember, you need not pay cash. The Ever Ready can be paid for while you use it. See opposite page for typical installations.

Note These Quality Features

Pump—New positive pressure, spiral geared rotary pump, one of the finest models obtainable. Extremely simple—merely two spiral bronze gears meshing perfectly to create suction and minimize wear. No valves. Very quiet in operation.

Motor—Improved heavy duty, constant speed motor of repulsion-induction type. Powerful, moisture-proof economical.

Combination Strainer and Check Valve—Keeps supply pipe and pump chamber filled with clear, fresh water. No priming necessary. Easily accessible for cleaning.

Adjustable Stuffing Gland—Spring loaded, prevents leakage.

Automatic Air Intake Valve—Keeps air pressure in tank constant.

Tank—Galvanized steel, carefully welded and tested under pressure.

Pressure Gauge—60-pound pressure gauge indicates pressure in tank.

Water Relief Valve—Set at 60 pounds; prevents excessive pressure.

Flexible Hose Coupling—For supply pipe connection; prevents vibration and noise in the house piping system.

Automatic Pressure Switch—Starts pump when pressure falls to 15 pounds, and stops it at 35 pounds.

Foot Valve And Strainer—Are necessary for satisfactory operation.

This high grade, low priced outfit pumps any distance within 100 feet from well or source of water supply, and not over 20 feet above water level. Supplies 200 to 450 gallons of water per hour, at the same pressure as city water. Starts automatically when tank pressure drops to 15 pounds; stops itself when pressure reaches 35 pounds. Motor and pump mounted on opposite ends of solid base. Pump is very compact and simple, having only two moving parts. Extended motor shaft directly connected to one of rotating parts, through flexible coupling, taking up minimum space. Automatic air intake valve quickly replenishes the air in pressure tank as needed. Easy to install with the aid of our complete instructions, and at this low price, especially easy to buy!

Made in two sizes—250-gallon capacity and 450-gallon capacity as listed below.

250-Gallon Capacity
Will supply the average home of 5 persons with sufficient water for bathroom, laundry, kitchen, 20-head of stock and light sprinkling. Complete outfit includes $\frac{1}{4}$ -H.P. motor, automatic switch, 6-gallon tank, size, 10x18 inches, pressure gauge, water relief valve, foot valve and strainer. Shipping weight, 83 pounds. **Not Prepaid.**

Catalog No.	Kind of Electric Current	Cash Price	Time Payment Price	Down Payment	Monthly Payments
42DM3592 $\frac{1}{4}$	110 to 220-volt, 60-cycle, A. C.	\$49.75	\$54.75	\$5.00	\$5.00
42DM3593 $\frac{1}{4}$	32-volt, for Farm Light Plant....	49.95	54.95	5.00	5.00

450-Gallon Capacity

Will supply the average home of 8 to 12 persons with sufficient water for bathroom with shower, kitchen, laundry, 40-head of stock and heavy sprinkling.

Complete outfit includes $\frac{1}{4}$ -H.P. motor, automatic switch, 10-gallon tank, size, 10x30 inches, pressure gauge, water relief valve, foot valve and strainer. Shipping wt., 100 pounds. **Not Prepaid.**

Catalog No.	Kind of Electric Current	Cash Price	Time Payment Price	Down Payment	Monthly Payments
42DM3596 $\frac{1}{4}$	110 to 220-volt, 60-cycle, A. C.	\$78.95	\$86.45	\$8.00	\$8.00
42DM3597 $\frac{1}{4}$	32-volt, for Farm Light Plant....	79.00	86.50	8.00	8.00

When Ordering on Easy Payments, Use Time Payment Order Blank Enclosed.
If you already have a larger storage tank and wish outfit without tank, deduct \$4.50 for 250-gallon size, or \$8.00 for 450-gallon size.

INCLUDED at No Extra Cost



We consider a Safety Relief Valve and Foot Valve necessary for efficient operation as well as for the protection of our customers.

They are included in our prices and not quoted as extras, as is the practice of other concerns.

Easy to Buy! Easy to Own!

This Automatic "Hired Man"
Costs Only a Few Cents a Day!

END THIS DRUDGERY



Think What the Ever Ready Would Mean to You!

You'd pay more elsewhere—that's certain! Others, who can't afford to offer you equal savings, invariably price equal quality much higher. They admit thereby that the Ever Ready Reciprocating Pump Water System is worth more than we ask for it! And they're right! It is! The Ever Ready has all the best features of more expensive modern pumps sold elsewhere. It belongs, by right of performance, among the very finest! It equals them all for efficient service! No wonder we call attention to our low price.

Reliable As City Water Supply

The Ever Ready is a shallow well type, adapted for pumping from spring, lake, cistern, stream or wells up to 22 feet deep, from anywhere within 100 feet of the supply. Entirely automatic, starts and stops without attention. When tank pressure drops to 25 pounds pump starts, automatically turning off when pressure reaches 40 pounds. A special piston deflector prevents water leaking from stuffing box into crankcase. Readily accessible suction valves and reliable Schrader air valve for replenishing storage tank with air when necessary. Careful machining of parts and expert workmanship and material throughout guard you once and for all against repair bills. At 40 pounds pressure the Ever Ready delivers 225 gallons of water per hour. For light sprinkling it will throw a stream 40 to 50 feet with $\frac{1}{2}$ -inch nozzle. The Heavy Duty Outfit uses a double cylinder pump and has a capacity of 450 gallons per hour.

Outfit comes as a complete unit and is easily installed. Only two $\frac{3}{4}$ -inch connections are needed. Then run wires to the conduit box and the system is ready to operate. Instruction book, can of oil, Relief Valve, and Foot Valve and Strainer are furnished with each outfit.

Cash Price Time Payment Down Monthly Payments

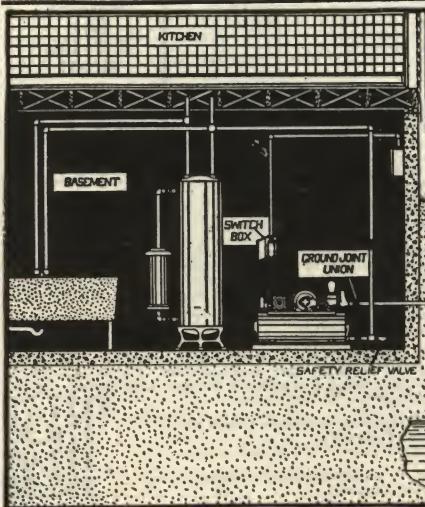
	\$52.50	\$58.00	\$6.00	\$6.00
42DM3649 $\frac{1}{4}$ —Outfit complete, 225-gallon capacity, with $\frac{1}{4}$ H.P. motor for 110 to 220-volt, 60-cycle alternating current.....	54.50	60.00	6.00	6.00
42DM3650 $\frac{1}{4}$ —Outfit, same as above, but with motor for 32-volt direct current farm light plant.....	85.95	94.45	9.00	9.00
H. P. motor for 110 to 220-volt, 60-cycle alternating current.....	87.95	96.45	9.00	9.00

Shipping weight: 225-gallon outfit, 155 lbs., 450 gallon outfit, 175 pounds.

For outfit without tank but mounted on a special channel iron base, deduct \$2.00 from cash price as shown above.

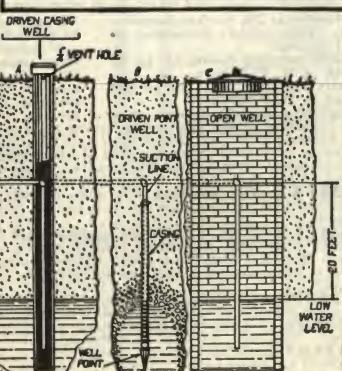
When ordering on Easy Payments use Time Payment Order Blank Enclosed.

Shipped from Philadelphia, Pa., Boston, Mass., or Southern Ohio. Not Prepaid.



Ever Ready Installations for 3 Different Types of Wells, A, B, C!

This diagram shows how easy it is for you to have running water with any shallow well pumping outfit listed on pages 1043, 1044, 1045. It makes no difference whether your well is a driven casing well (A); a driven point well (B); or an open well (C). These diagrams show exactly how easily the installation is made—and how simple the whole system is.



Not shown on the diagram, but equally important is the fact that any of these pumps can be used to pump water from a lake, stream or cistern.

$\frac{3}{4}$ -inch Foot valve and strainer, small enough in diameter to be admitted into $1\frac{1}{4}$ -inch driven well.

FEATURES

1 Tank is heavily galvanized inside and outside, 18 gallon capacity. Size, 12x36 inches. All seams carefully welded and tested.

2 Pressure switch starts and stops pump automatically.

3 Rugged, powerful repulsion-induction type motor, made by a nationally known manufacturer. Size, $\frac{1}{4}$ h. p. for 225-gallon outfit; $\frac{1}{3}$ h. p. for 450-gallon outfit.

4 Silent V-type belt, running in grooved pulleys, gives a positive gripping belt that will not slip or "throw off." No idler pulley necessary.

5 Piston rod wiper prevents water from getting into the crankcase.

6 Large air chamber prevents pulsation and insures uniform flow of water.

7 Pump is double acting reciprocating piston type. Positive in operation, simple, sturdy and dependable. Single cylinder for 225-gallon outfit; double cylinder for 450-gallon outfit.

8 Suction and priming chamber, assists in retaining prime.

9 Reliable Schrader air valve automatically replenishes air as necessary to maintain uniform pressure.

10 Now look at our low price! Compare it with prices elsewhere and see how much you save.

INCLUDED! Without Extra Charge!

Sears, Roebuck and Co. include without extra charge a Safety Relief Valve, Foot Valve and Strainer. These are very important parts of any pumping system—yet some concerns charge extra for them. Our price saves you money and includes these essential parts without extra cost to you.



Here! It Is!

**ONLY
\$104.95
CASH PRICE**

Our staff of engineers now has two sensational labor saving creations to its credit—the first is the noteworthy development of our electrically driven Ever Ready Rotary Pump water system, recognized by those who know as **among the best on the market**. Now they have developed the **new, and exceptionally efficient** Gasoline Driven Water Supply System shown at the right for homes without electricity.

What the electric units will do, the Gasoline units will do just as well. Into it is built all the experience gained from the manufacture of more than 30,000 electric pumping outfits. Decidedly not a substitute for something superlative—these gasoline systems command attention in their own right. They bring to homes without electric power the comfort and convenience of fresh running water in the kitchen and bathroom. With this outfit on the job you'll have water waiting at the tap for the stock or garden—ready on the instant with effective fire protection—and best of all, it paves the way for modern plumbing in your home, no matter where you live! No other outfit could do more!

The market scarcely affords a more economical offering in water systems and our general guarantee of absolute satisfaction or your money returned protects your interests first, last and all the time.

Read the facts—and bear in mind the special Easy Payment Plan.

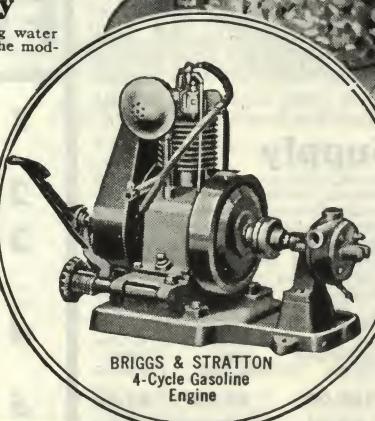
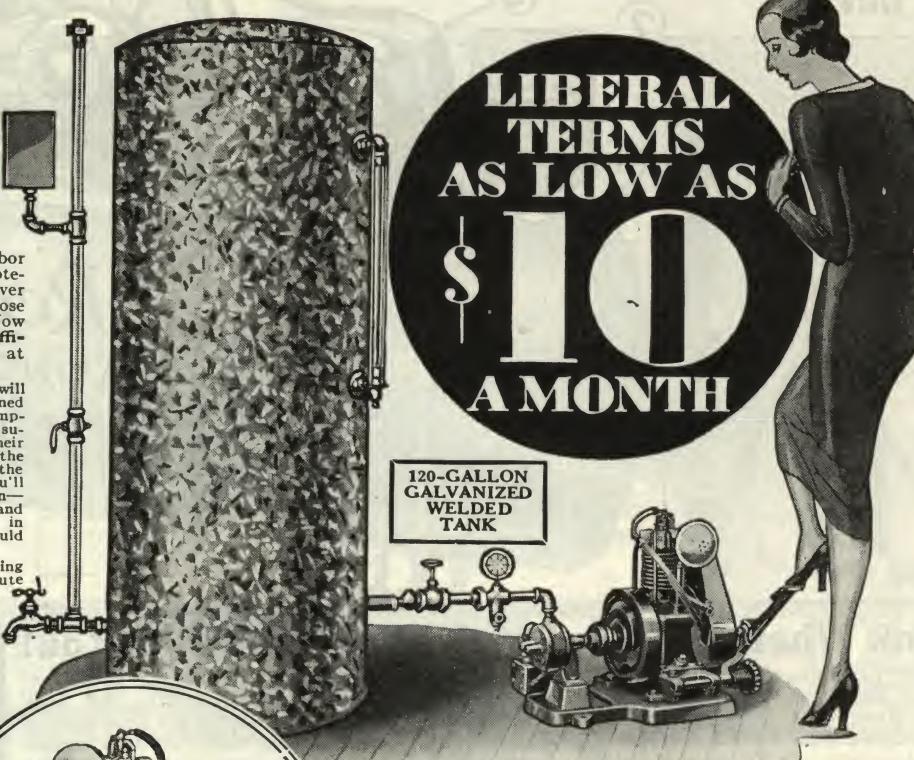
Puts a Stop to Drudgery

Compare the old, fatiguing method of drawing water from the well or the unreliable windmill with the modern, easy method illustrated here which always insures a plentiful supply of water.

This outfit is very simple and efficient, designed to give dependable water service at lowest cost. Self-automatic in operation. While it is necessary to start the engine by merely stepping on the pedal when the pressure in the tank is low—even a child can start it with absolute safety—it stops itself automatically when the pressure reaches the limit of 35 lbs. This automatic stop is accomplished by a pressure switch which grounds the magneto and stops the engine. Outfit is regularly furnished with a 12-gallon galvanized tank. Should be necessary to start engine only twice a day—morning and evening—to supply water for the average size family.

Will Pump From Well, Lake, Spring or Stream

Adapted for pumping from wells, lakes, springs or streams. May be placed any distance within 100 feet from well or source of water supply, and not over 20 feet above lowest water level.



BRIGGS & STRATTON
4-Cycle Gasoline
Engine

Pump is same as used with Electric Outfit on page 46. Engine is compact, sturdy, efficient. Full $\frac{1}{2}$ -horse-power, single cylinder, air cooled, 4-cycle; $2\frac{1}{4}$ -inch stroke. Quick start carburetor of the adjustable double valve type. High tension magneto, built into flywheel, gives a strong spark which means positive firing. Simple start on the foot lever for quick, easy start. Fuel capacity, $\frac{1}{4}$ -gal.—sufficient for 3 hours continuous operation.

A combination pump with check valve keeps supply pipe and pump chamber filled with water. No priming is necessary.

Automatic air supply valve permits the proper amount of air to be taken in with the water to maintain pressure in the tank. The tank is galvanized, 120-gallon capacity, welded and tested. Glass gauge indicates height of water. A pressure gauge on the discharge line indicates pressure in the tank. Water relief valve, set at 30 pounds, prevents excessive pressure. Automatic pressure switch, stops engine when tank pressure reaches 35 lbs. Shipping weight, 255 lbs. Not Prepaid.

42DM3608 $\frac{1}{4}$ —Outfit complete, with $\frac{1}{2}$ -H. P. gasoline engine, 120-gallon tank, pressure gauge, strainer and check valve and pressure switch. Pump is tapped for $\frac{3}{4}$ -inch suction pipe and $\frac{1}{2}$ -inch discharge pipe. Cash Price..... \$104.95

Time Payment Price, \$12.00 Down and \$10.00 a Month..... \$115.95

When Ordering on Easy Payments, Use Time Payment Order Blank Enclosed.

HERCULES DEEP WELL SYSTEM



TERMS AS LOW AS
\$10
A MONTH

For Easy Payments See Page 52

This powerful Automatic system handles wells 22 to 200 feet deep. Ideal for farms, ranches, suburban homes, country estates, creameries, hotels and apartment houses. Extremely sturdy in construction. Main pump frame machined at one setting, which insures perfect alignment of all working parts. Encased, machine cut gears. Splash oiled; while operating, a continuous flood of oil pours over gears, shafts and bearings, which are self-cleaning. Absolutely waterproof oil chamber. One filling provides ample lubrication for months. Pump rod, plunger and check valve easily removed without moving pump head or disturbing suction or discharge pipe.

Strong, high grade electric motor mounted on pump head, making compact unit. Powerful twin "V" belts eliminate need for idler pulley, and insure uninterrupted delivery of energy to pump. Double grooved motor pulley, 2-inch diameter; double groove pump pulley, 16-inch diameter. Auxiliary air pump insures positive air supply to pneumatic tank. Air control check valve shuts off air supply when desired pressure is reached. Capacity, approximately 135 gallons per hour. Pump is also suitable for delivering water to an open storage tank.

The cylinder is $2\frac{1}{2}$ inches outside diameter. Give inside diameter of your well casing.

For wells ranging from 22 to 95 feet, select $\frac{1}{2}$ H. P. Motor.

For wells ranging from 95 to 200 feet, select $\frac{1}{2}$ H. P. Motor.

Specifications based on use of a

Motor furnished under the listings below. Air repulsion-induction type, 60-cycle, 110 to 220 volts A. C., or 110 to 220-volt D. C., or 32-volt, D. C. If 25 or 30-cycle motor is used, a slight extra charge is made. When ordering be sure to state the kind of current you have. You can get this information from your electric light company. If larger tank is wanted, state size and whether horizontal or vertical. Either style is furnished at the same price. Inlet tapping, 1-inch; outlet, $\frac{3}{4}$ -inch (or larger). Capacity, approximately 135 gallons per hour. Pump is also suitable for delivering water to an open storage tank.

$1\frac{1}{2} \times 6$ -inch stroke cylinder and 15 to 35 pounds pressure.

If your well is deeper or shallower than specified below, add or subtract $\frac{3}{4}$ cent per foot for pipe and rod to prices quoted below. If special outfit is wanted, write for free engineering service.

Not Prepaid.

42DM3621 $\frac{1}{4}$ —Deep Well Outfit, complete for 50-foot well, with $\frac{1}{2}$ H. P. motor mounted, a 42-gallon galvanized vertical tank, automatic switch, valves, gauges and fittings as illustrated, 2-inch galvanized iron suction pipe, $1\frac{1}{2}$ -inch wood pump rod with couplings, and a $1\frac{1}{2} \times 6$ -inch stroke brass spring poppet check valve cylinder, tapped 2-inch top and bottom. Shpg. wt., 505 lbs. Not Prepaid.

42DM3623 $\frac{1}{4}$ —Same as above, except with $\frac{1}{2}$ H. P. gasoline engine as shown above and 120-gallon galvanized tank. Shpg. wt., 615 lbs. Not Prepaid.

42DM3622 $\frac{1}{4}$ —Deep Well Outfit, same as 42DM3621 $\frac{1}{4}$, but with $\frac{1}{2}$ H. P. motor, for 95 foot well. Shpg. wt., 695 lbs. Not Prepaid.

42DM3624 $\frac{1}{4}$ —Same as above, except with $\frac{1}{2}$ H. P. gasoline engine as shown above and 120-gallon galvanized tank. Shpg. wt., 825 lbs. Not Prepaid.

Frost proof set length and fresh drinking water connections supplied at slight extra cost.

Outfit for 50-Ft. Well
\$117.75

Cash Price Complete

\$41.95

\$117.75

176.95

142.00

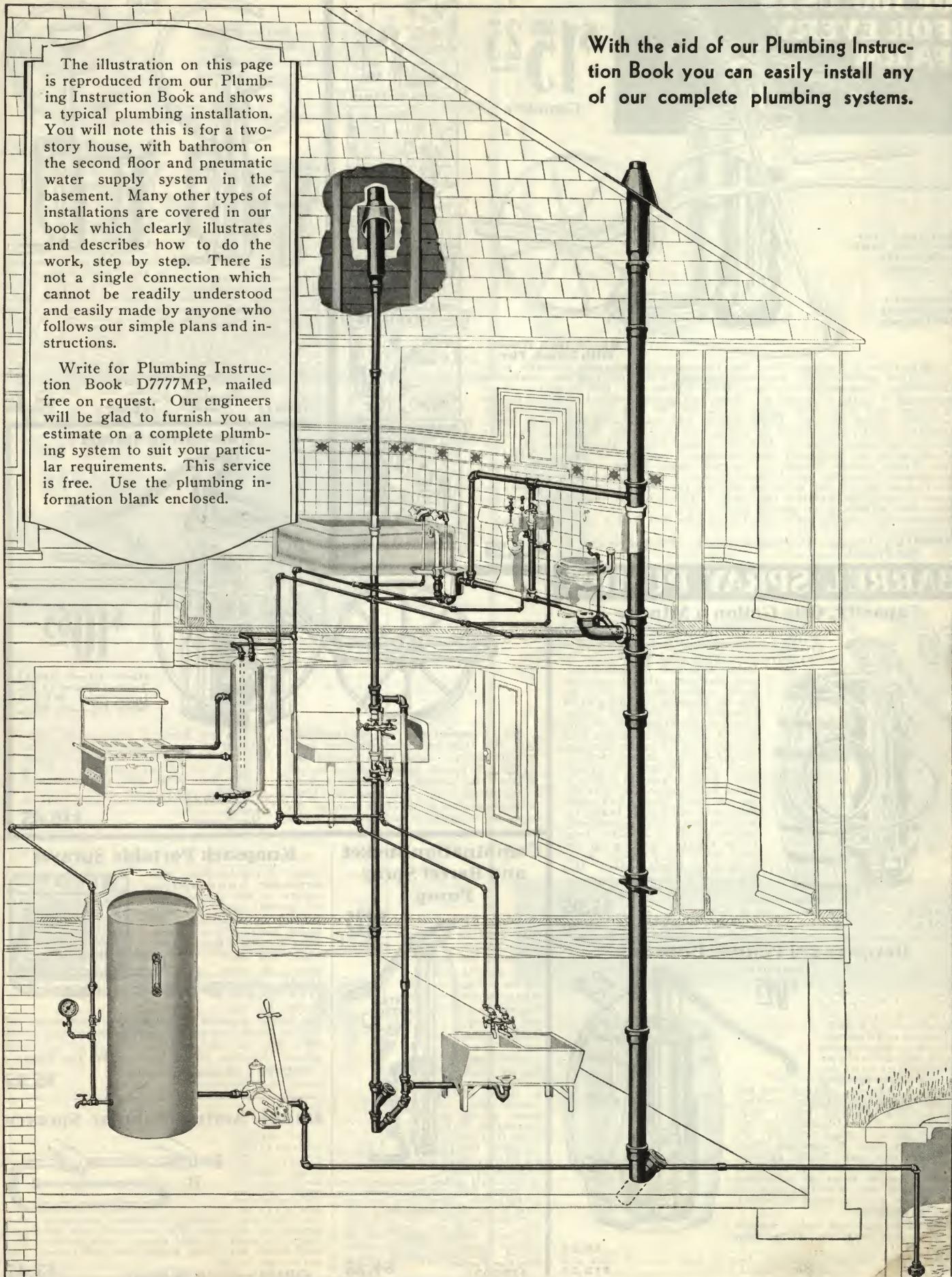
185.50

OUR PLUMBING SYSTEMS EASILY INSTALLED

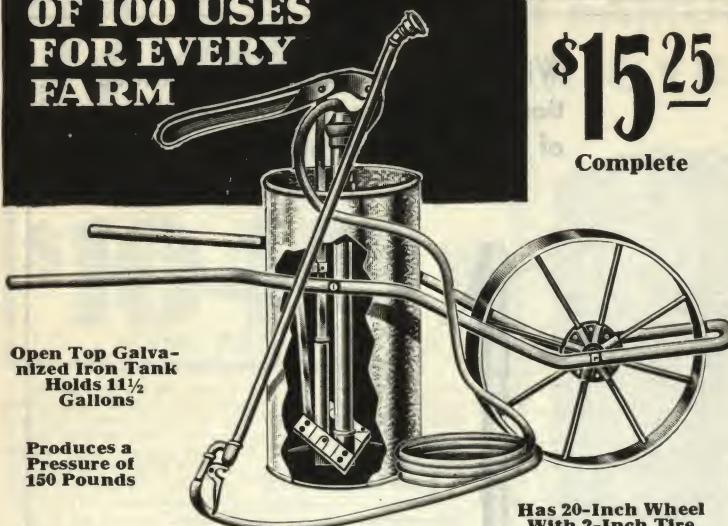
The illustration on this page is reproduced from our Plumbing Instruction Book and shows a typical plumbing installation. You will note this is for a two-story house, with bathroom on the second floor and pneumatic water supply system in the basement. Many other types of installations are covered in our book which clearly illustrates and describes how to do the work, step by step. There is not a single connection which cannot be readily understood and easily made by anyone who follows our simple plans and instructions.

Write for Plumbing Instruction Book D7777MP, mailed free on request. Our engineers will be glad to furnish you an estimate on a complete plumbing system to suit your particular requirements. This service is free. Use the plumbing information blank enclosed.

With the aid of our Plumbing Instruction Book you can easily install any of our complete plumbing systems.



THE SPRAYER OF 100 USES FOR EVERY FARM



\$15.25
Complete

You'll find this a wonderful labor and time saver for spraying orchards, potatoes or other garden crops, whitewashing, cold water painting or disinfecting chicken houses, hog pens, cattle barns, horse stables, etc. Will spray lice oil on hogs, fly oil on cattle, stock dip, etc. Pump can be removed and tank and barrow used for carrying water, feed, grain, slops, etc. In season or out of season it serves many useful purposes. Pump cylinder and base castings are all of brass. Nothing to corrode; not affected by strong mixtures. Large upright air chamber maintains continuous pressure. Has bronze ball valves. Handles are of 1-inch steel tubing in one continuous piece, forming a yoke around front of wheel as shown. Easily pushed through narrow row crops. Large twin agitator paddle keeps solution thoroughly mixed. Has 12½ feet of heavy ¾-inch spray hose, automatic shut-off cock, 4-foot extension rod and spray nozzle. Small trees may be sprayed by using the extension rod regularly furnished. To reach high trees use Bamboo Pole 42DM943½ on opposite page.

Whatever the spraying job, here's the sprayer that does it quickly, thoroughly and economically.

42DM916½—Hercules Wheelbarrow Sprayer. Shipping weight, 55 pounds. Not Prepaid \$15.25

BARREL SPRAY PUMPS

Capacity, One Gallon a Minute



Barrel not included. We Pay the Postage.

42D930½—Pump only without hose or nozzle..... \$5.95

42D934½—Pump complete with 8 ft. or ¾-in. hose and nozzle..... \$6.80

Develops 200 Pounds Pressure

Practical — Efficient — Pump Only
\$9.95

\$9.95

\$9.95

Practical — Efficient — Pump Only
quality-proved—no wonder we boast about this spectacular price! This strong and powerful barrel spray pump will develop a working pressure of 200 pounds. A very high grade pump in every way and will give dependable service for many years. For spraying orchards or vineyards, whitewashing and cold water painting. Easily operated. Slow pumping produces heavy, large powerful mist spray. Adjustable for long or short stroke. Brass cylinder, 2¼ inches in diameter. Bronze ball valves and brass valve seat. Paddle agitator. Has two brass connections for two leads of ¾-inch hose. A brass cap is included for one of the outlets so that only one lead of hose may be used if desired. Barrel not included.

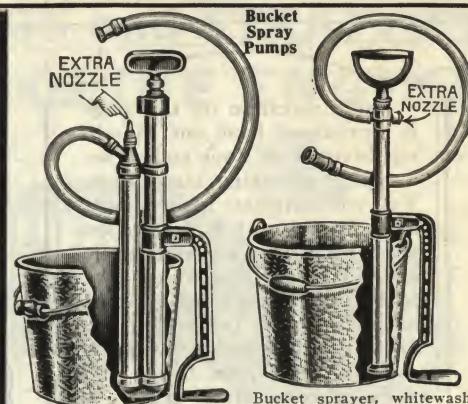
42DM929½—Pump only, without hose or nozzle. Shpg. Wt., 52 lbs. Not Prepaid.

42DM942½—Complete with 12½ feet of hose, shut-off cock and nozzle. Shpg. wt., 56 lbs. Not Prepaid.

\$9.95

\$12.25

Dependable SPRAYERS



All working parts, including pump cylinder and air chamber, are brass. Has solid bronze ball valves. Develops over 200 lbs. pressure. Not affected by strong solutions. Non-corrosive. Gives continuous even spray. Double acting. Works on both up and down strokes. Height, 25 inches; 3 feet of ¾-inch hose and two nozzles, one for spraying, one solid stream nozzle for washing windows, automobiles, etc. We Pay the Postage.

42D915½..... \$2.98

42D947½..... \$2.45

Wheelbarrow Sprayer



\$10.65

Heavy 1-Inch Steel Tubing Frame; 16-Inch Steel Wheel With 1½-Inch Rim



For all general spraying, whitewashing, etc. Has 1½x8-inch seamless heavy brass cylinder and perforated brass strainer. Develops 150 pounds pressure. Bronze ball valves. Has plunger with double opposed compression leather cup packing. Brass tube connections at top of air chamber. Air chamber is made of steel tubing, 1-inch

outside diameter by 25 inches high. Height of sprayer over all, 32½ inches. Tank holds 11½ gallons. Has 4½-inch vacuum cup plunger agitator, 8 ft. of heavy ¾-in. spray hose with nozzle and shut-off.

42D935½—Shipping weight, 38 pounds. Not Prepaid.

\$10.65

Combination Bucket and Barrel Spray Pump

\$4.25
Postpaid



May be used with either bucket or barrel for all general spraying, whitewashing, cold water painting, disinfecting, etc. Has bracket casting on pump for bolting to inside of barrel. Malleable stirrup is detachable. Cylinder is of heavy seamless brass tubing. Air chamber cylinder is brass, 1½ inches in diameter by 26 inches high. Pump cylinder is 1½x12 inches. Brass valve produces large powerful continuous spray with slow pumping. Has 3 feet of ¾-inch hose, equipped with spray nozzle and solid stream nozzle. Air jet agitator keeps liquids thoroughly stirred. Height, over all, 31 inches.

42D905½..... \$4.25

Knapsack Portable Sprayer

One of the handiest, most serviceable hand spraying outfits on the market. For all general spraying, disinfecting, whitewashing, cold water painting, etc. Equipment includes 5-gallon galvanized tank with cover; all brass tubular sprayer like 42D938 described below, two canvas shoulder straps complete with snaps, 2½ feet of ¾-inch hose with weighted strainer, and nozzle with discs for coarse spray, fine spray and solid stream. Develops 200 lbs. pressure. We Pay Postage.

42D904½—Knapsack Sprayer, complete as illustrated..... \$5.95



For spraying, whitewashing and applying disinfectants. Gives powerful continuous spray. Develops 200 pounds pressure with remarkable ease. Operated by working telescoping tubes forward and backward. Has nozzle with disc for coarse spray, fine spray and solid stream. Made of brass. Has wood handle and ¾-inch suction hose with piece of pipe and strainer on end.

42D938½—We Pay the Postage..... \$3.45

Double Acting Tubular Sprayer



SEARS, ROEBUCK AND CO.

for Less Money! For Spraying or Whitewashing



\$7.95

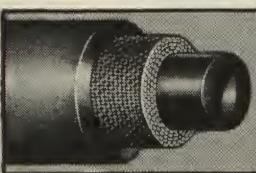
Postpaid

High Speed Crank Duster

A thoroughly proven, practical and dependable dry powder duster. Especially adapted for dusting with all materials used for potatoes, beans, tobacco, cabbage, melons, berries, fruit trees, shrubbery; and for control of the boll weevil with calcium arsenate. In fact, sprays anything in powder form. Does not discharge poison in lumps, but breaks it up, insuring uniform distribution. Graduated dial for quick and accurate adjustment of pounds per acre. Encased machine cut steel gears run in heavy oil, insuring minimum noise and practically no vibration at highest speed. Remarkably free running and easy to crank. Case is of heavy sheet steel, nicely finished. Machine will cover two rows at a time as fast as operator can walk and is adjustable for rows of different widths as well as for low plants and small trees. Furnished with four 15-inch tubes, two nozzles, two elbows and carrying straps with snaps. Dust compartment is 10½ inches in diameter and 8 inches wide; capacity, 7 to 10 pounds.

42D903½—We Pay the Postage. \$7.95

HIGH GRADE SPRAY HOSE



High grade Spray Hose for high or medium pressure. Three grades, sold in standard lengths of 12½, 25 or 50 ft. lengths with couplings for each end of hose, or hose only by the foot. Hose without couplings is sold only in multiples of 5 feet.

Half-inch hose furnished with standard ½ or ¼-inch connections; ⅜-inch hose furnished with standard ¼-inch brass male or female connections.

Perfection 5-ply Sheeting Smooth Spray Hose.

Guaranteed for 100 pounds working pressure.

42D962½—Hose only, without couplings. Postpaid.

¾-inch size, per ft. **7c** ½-inch size, per ft. **8c**

Couplings extra, attached, per set. **Postpaid. .28c**

42D961½—Hose complete with couplings. Postpaid.

Length, feet **12½ 25 50**

Size, ¾-inch, per length **\$1.05 \$1.78 \$3.25**

Size, ½-inch, per length **1.20 2.10 3.80**

Hercules Double Braid ¼-inch Spray Hose. Good quality non-kink hose, guaranteed for 225 pounds pressure.

42D957½—Hose only, without couplings.

Per foot, Postpaid **12c**

Couplings extra, attached, per set. **Postpaid. .28c**

42D952½—Hose complete with couplings. Postpaid.

Length, feet **12½ 25 50**

Price, per length **\$1.77 \$3.25 \$6.10**

Super Hercules 5-Ply Heavy Duck Spray Hose. Guaranteed for 400 pounds working pressure. Specially adapted for power sprayers. Size, ½-inch.

42D967½—Hose only without couplings.

Per foot, Postpaid **20c**

Couplings extra, attached, per set. **Postpaid. .28c**

42D968½—Hose complete with couplings. Postpaid.

Length, feet **12½ 25 50**

Price, per length **\$2.85 \$5.40 \$10.45**



Handy Lacquer Sprayer

A very handy and practical sprayer for applying lacquer quickly and easily. Brighten up chairs, tables, shelves, refrigerator, kitchen cabinet and porch furniture, or refinish your automobile. Pump cylinder is 1½-inch in diameter and 14 inches long, made of heavy tin. Graduated glass jar container with screw top and wire legs to prevent sprayer from tipping over. A hand brace on pump cylinder makes it easy to hold sprayer in correct position. The brass nozzle is adjustable. Brass ball can be cleaned by taking off valve cap on top of pump cylinder. Leather diaphragm keeps lacquer from spray head. Ample space for compressed air in the top of the jar and in the cone-shaped spray head.

42D913—Postpaid. \$1.40

Little Giant Sprayer

This handy sprayer is made entirely of brass. Excellent for spraying fly oil or other heavy mixtures. Front end of tank is provided with brass filler plug. Bronze ball valve. Size of pump cylinder, 1½x1½ in. Tank, 8x5 inches. Two brass nozzles furnished for spraying straight ahead or at an angle. Capacity, 2½ quarts.

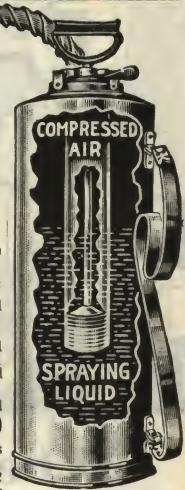
42D902—We Pay the Postage. \$2.10



Hercules Portable Compressed Air Sprayer

\$5.00

And Up
Postpaid



A very high grade sprayer with improved quick acting lever cam pump lock. We believe that no better sprayer of this type is made or sold by anyone. Spray your fruit trees, vines, berries, cotton and vegetables with this fine portable sprayer. Just the thing to make whitewashing and poisonous spraying easier. Throws continuous misty spray. Heavy gauge galvanized steel tank with interlocked and riveted seam. Tank is 7½ inches in diameter and 20 inches high. Easily carried by shoulder strap sling. Total capacity, 3½ gallons. Three gallons of liquid can be sprayed with two charges of air. Pump cylinder is of 2-inch seamless brass tubing with all brass valve and brass valve spring. Entire pump is easily removed by turning quick acting camlock. Has 2-foot brass extension pipe and elbow for spraying under leaves. Furnished complete with 2 feet of heavy ¾-inch spray hose with non-kink guard and automatic shut-off, nozzle and strainer.

42D951½—Sprayer as described, with galvanized tank and brass extension pipe. Postpaid. \$5.00

42D953½—Same as above, except with brass tank. Postpaid. \$8.45

42D944½—Straight brass extension pipe, 2 feet long. Postpaid. .36c

42D932½—Brass extension pipe, 2 feet long, with 45-degree elbow. Postpaid. .40c



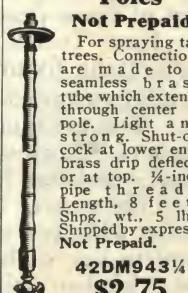
Hercules, Jr.

Not Prepaid

A handy portable sprayer, similar to 42D951½ above, but smaller in size. Total capacity, 2½ gallons. Improved cam lever pump into tank quickly and securely. Furnished only with a galvanized tank. Pump cylinder is 2-inch seamless brass tubing, with brass valve and brass valve spring. Has 2 feet of heavy ¾-inch hose with non-kink guard, automatic shut-off, nozzle and strainer.

42D979½—\$3.65

Postpaid. \$2.75



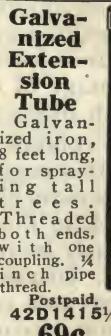
Bamboo Poles

Not Prepaid

For spraying tall trees. Connections are made to seamless brass tube which extends through center of pole. Light and strong. Shut-off cock at lower end; brass drip deflector at top. ¾-inch pipe threads. Length, 8 feet. Shpg. wt., 5 lbs. Shipped by express. Not Prepaid.

42DM943½

\$2.75

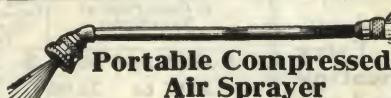


Galvanized Extension Tube

Galvanized iron, 8 feet long, for spraying tall trees. Threaded both ends, with one coupling, ¼ inch pipe thread.

Postpaid. 42D1415½

.69c



Portable Compressed Air Sprayer

\$4.10

Postpaid

Unexcelled for Spraying Grapevines, Berry Bushes, Fruit Trees, Cotton, Potatoes, Whitewashing, Etc.

Gives continuous spray. A few minutes' pumping charges the tank. Three gallons of liquid can be sprayed with two charges of air. Total capacity, 3½ gallons. Galvanized iron tank, 7½ inches in diameter by 20 inches high, tested to 60 pounds pressure. Has 2 feet of ¾-inch hose, 2-foot brass extension pipe with angle nozzle and automatic shut-off cock. Pump cylinder, 2-inch seamless brass tubing, 14 inches long, with rubber valve and brass valve spring. Brass extension pipe enables you to direct the spray up under the leaves and you can spray small trees or high bushes. Spraying calendar and instructions furnished with each sprayer.

42D936½—We Pay the Postage. \$4.10

New Hand Pump Duster



GLASS JAR DUSTER

An efficient direct compression duster, with durable glass reservoir. Powerful air blast thoroughly agitates powder, breaking it up into fine dust so that it completely envelopes foliage of plants. Suitable for all dusting materials such as used for vegetables, tobacco, cotton, small fruit trees, shrubbery, etc. Deflector on end of tube makes it particularly effective for dusting the under side of leaves. Valve is easily removed for cleaning. Length over all, including screw-on tube shown separately above. 40 inches. Cylinder, 1½ inches long, 1½-inch diameter, made of heavy tin plate. Capacity, about 3 pounds.

42D906½—We Pay the Postage. \$1.20

Hercules Hand Sprayer

A highly efficient general purpose sprayer for the home and garden. Compressed air type with glass tank, easily cleaned. You can always see just how much liquid is in the sprayer. Has brass ball check valve and is furnished with angular and straight nozzle. Continuous spray. Heavy tin pump. Tank is practically unbreakable glass, with standard Mason fruit jar thread. Capacity, 16 liquid ounces, leaving air chamber space. Wire brace keeps sprayer from tipping over and prevents spilling contents.

42D911½—Postpaid. \$1.00

Oil and Chemical Sprayer



Very desirable for dairy use, as well as for insecticide sprayer. Has an air and liquid mixer which makes it one of the most satisfactory machines for spraying cattle fly oils and most chemicals. Galvanized steel tank, 1½-gallon capacity, with large filler plug. Pump cylinder is seamless brass tubing. Automatic shut-off with adjustment for regulating volume. All parts accessible for cleaning. Designed so it can be pumped up by standing sprayer upright on floor.

42D912½—Postpaid. \$3.70

EASY PAYMENTS

On Our Entire Line of

PLUMBING and HEATING GOODS

When Total Order Amounts to \$25.00 or More

The modern way in buying—the pay as you use way—a small amount down, a few dollars a month. That's the sensible way to equip your home—now! No need to delay your enjoyment of these practical necessities. Take advantage of our Easy Terms and equip your home **now** with modern plumbing fixtures or heating equipment.

Economical prices characterize every high grade item in this catalog. You get quality that is invariably more expensive elsewhere—flawless, dependable quality that we back to the limit—and our Easy Payment Plan tremendously increases the ease of buying. Just pick out what you want from our complete line of bathroom fixtures, kitchen sinks, laundry tubs, water heaters, range boilers, heating plants, water supply systems, etc. **Every bit of Plumbing and Heating Equipment you may need can be included in a single Easy Payment Purchase, provided your order for such equipment amounts to \$25.00 or more.** The table at the right shows you how this liberal plan works.

The above facts are obviously important to you, but our constant endeavor to bring our customers a supremely easy buying method has a far reaching significance not wholly apparent on the face of it. By our plan you can dispense with self denial. You can have a completely modern home and pay for it conveniently month by month, in small amounts out

of your earnings! For less than \$200.00 you can have the fixtures for a complete, sanitary plumbing installation—water supply system, bathroom outfit, kitchen sink, water heater, range boiler and septic tank. And low monthly payments make it easily possible for you. Where else can you duplicate or even approach this great saving? Since you benefit doubly, you owe it to yourself, and to the home that means so much to you, to inspect the first quality merchandise listed in this catalog.

Invest in these fixtures which pay big dividends in better health, more comfort, higher real estate values. A new bathroom installation will increase the value of your home several hundred dollars, and a modern heating plant will also give added value. Your health will be better with modern sanitary plumbing, your home more comfortable with running water throughout.

Free Estimates

Let our Free Engineering Service plan a complete plumbing or heating installation for you. We are always at your service. Send us your plans or rough sketches. We furnish you with accurate cost estimates, complete plans and layouts of fixtures, including all pipe, fittings, etc. We also furnish illustrated instruction books showing each stage of the installation in detail, thereby making it easy for you to do this work yourself and save even more money.

You Can Buy \$25.00 Worth of Plumbing Supplies and Heating Equipment or More on the Following Easy Payment Plan:

If Cash Price of Your Order Amounts to	Add to Cash Price for Easy Payment Terms	First Payment With Order	Monthly Payments
\$ 25.00 to \$ 30.00	\$ 3.00	\$ 5.00	\$ 5.00
30.01 to 35.00	3.50	5.00	5.00
35.01 to 40.00	4.00	5.00	5.00
40.01 to 45.00	4.50	5.00	5.00
45.01 to 50.00	5.00	5.00	5.00
50.01 to 60.00	5.50	6.00	6.00
60.01 to 70.00	6.50	7.00	7.00
70.01 to 80.00	7.50	8.00	8.00
80.01 to 90.00	8.50	9.00	9.00
90.01 to 100.00	9.50	10.00	10.00
100.01 to 125.00	11.00	12.00	10.00
125.01 to 150.00	13.00	16.00	11.00
150.01 to 175.00	15.00	20.00	12.00
175.01 to 200.00	17.50	26.00	13.00
200.01 to 225.00	20.00	30.00	14.00
225.01 to 250.00	22.50	34.00	15.00
250.01 to 275.00	25.00	38.00	16.00
275.01 to 300.00	27.00	42.00	17.00

Use Time Payment Order Blank Enclosed

To take advantage of our Easy Payment Terms it is necessary that you hold title to property in which equipment is to be installed. Write for terms offer on purchases over \$300.00.

We Save You Money

It is the purpose and guarantee of Sears, Roebuck and Co., to save you money on every purchase. This catalog gives ample evidence of our leadership. Savings are greater than ever before. On item after item you will learn that our tremendous buying power has been exercised to insure you greater savings. By comparing value for value and dollar for dollar, you will find that

our prices are much lower than those charged by other concerns.

Now, while prices are low, is the time to modernize your home—to install up to date bathroom and kitchen fixtures, a new heating plant or a water supply system. And our Easy Payment Plan enables you to do this with only a small cash outlay, paying the balance out of current income.

GUARANTEED Plumbing

Prices Less Than Wholesale



Our Seal of Triple "AAA" Quality



Pouring molten iron into bath-tub molds.



Heating bathtub castings to proper degree before applying enamel.



Applying snow white enamel to bathtub.

Complete Plumbing Exhibits in These Cities

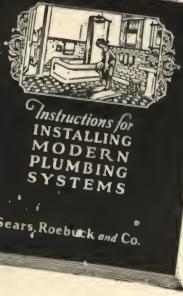
Atlanta, Ga.
Augusta, Ga.
Boston, Mass.
Buffalo, N. Y.
Cambridge, Mass.
Camden, N. J.
Charlotte, N. C.
Chicago, Ill.
Cincinnati, Ohio.
Cleveland, Ohio.
Dallas, Texas.
Denver, Colo.
Des Moines, Iowa.
Detroit, Mich.

Duluth, Minn.
Evansville, Ind.
Flint, Mich.
Ft. Wayne, Ind.
Gary, Ind.
Grand Rapids, Mich.
Hollywood, Calif.
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Indianapolis, Ind.
Jacksonville, Fla.
Kansas City, Mo.
Lincoln, Nebr.
Long Beach, Calif.
Los Angeles, Calif.
Louisville, Ky.

Memphis, Tenn.
Miami, Fla.
Minneapolis, Minn.
Nashville, Tenn.
Newark, N. J.
New York, N. Y.
Oklahoma City, Okla.
Omaha, Nebr.
Philadelphia, Pa.
Pittsburgh, Pa.
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St. Louis, Mo.
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Tacoma, Wash.
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Topeka, Kan.
Washington, D. C.
Wichita, Kan.
Wilkes-Barre, Pa.

Write today for our
Plumbing Instruction
Book PD7777MP.
Sent free postpaid on
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Instructions for
INSTALLING
MODERN
PLUMBING
SYSTEMS

Sears, Roebuck and Co.

Quality Products at Lowest Prices

Our Genuine Triple "A-A-A" porcelain enamel-ware is made under our own supervision. A rigid system of inspection is maintained, and nothing but strictly first quality fixtures can bear our Triple "A-A-A" seal. This Triple "A-A-A" seal signifies high quality castings, high quality enamel and high quality workmanship, covering all three factors which mean quality fixtures. For their beautiful snow white appearance and long wearing qualities our plumbing fixtures invite comparison with any fixtures on the market today.

Come and See Us

We have established plumbing display rooms at a large number of our branch stores, where you can see our fixtures on display. We will be glad to have you call and see us. Our salesmen will help you select the proper fixtures for your home, and you can see for yourself the high quality of our material.

We Furnish
Free Estimates

Send Us Your
Plans

No Obligation

Your Assurance of Dependable Quality

In 1902 we received, filled and shipped our first order for Plumbing Goods. The merchandise sent to customers lived up to the letter of our guarantee. It built good will for us, made new customers year after year.

From this modest beginning our Plumbing Goods Department has grown until today we sell more plumbing material by a large margin than any other concern in this country, selling direct to the consumer. We attribute this marvelous growth and development to just three things: The superior quality of the merchandise we have sold; the millions of dollars we have saved our customers, and prompt service.

From this vast experience — more than twenty-five years — has come a better understanding of your needs in this line of merchandise. This, together with the constant desire to always improve the quality, always lower the price, as well as to improve our service, we believe have been the contributing factors in building the plumbing goods department of the World's Largest Store to its present position of leadership.

We have never yet been tempted to cut the quality. We have always believed that high quality merchandise was the very foundation stone of our business. Our experience has shown that we were right, and we take this opportunity to say that we shall continue to adhere to the policy of giving you the best quality values to be obtained in America and always at the lowest possible prices.

There are many steps in the making of Triple A-A-A enameled ware. Raw materials are important, and dependable workmanship is equally important. The proper mixing and blending of

You Get More for Your Money When You Buy Triple A-A-A Quality

- 1—No flaws.
- 2—No blisters.
- 3—No scratches.
- 4—One-piece construction. No joints.
- 5—Smooth corners.
- 6—No sharp edges.
- 7—Easy to install.
- 8—Standard sizes.
- 9—Ultra modern designs.
- 10—Standard thicknesses.
- 11—Standard weights.
- 12—Long wearing quality.
- 13—Snow white glossy finish.
- 14—Easy to keep clean.
- 15—Highest quality castings.

materials, the application of the porcelain enamel to the castings, depend upon good workmanship—the kind that is responsible for the beautiful smooth finish on all Triple A-A-A enameled ware.

Special processes used in the preparation of the iron surfaces for the enamel coating represent the result of many years' practical experience, research and development. In addition to the grinding and machining, each casting is specially treated in a pickling solution which completely dissolves and removes every foreign particle on the iron surface. When the enamel is then applied, the union of enamel and iron is so great that they are practically fused together, insuring the greatest possible durability. The fittings furnished with our bathtubs, lavatories,

closet outfits and sinks will give long wear because they are made of solid brass. All exposed fittings, faucets, traps, etc., are heavily nickel plated and polished. Furthermore, our fittings are standard size and have standard cut threads.

We have developed our line of plumbing fixtures to such a degree of perfection in quality and workmanship that we are proud to give them our Triple A-A-A guarantee seal. This mark of distinction assures you:

- 1—That we guarantee the quality of castings.
- 2—That we guarantee the quality of enamel.
- 3—That we guarantee the quality of workmanship.

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The services of a skilled plumber are not required to install our plumbing material. All connections are made with ordinary iron pipe, which fits together with regular screw threads. There is no difficult lead work or wiping of joints. Anyone who is handy with a few tools can easily install any of our outfitts or single fixtures. We will gladly mail you free on request our complete Plumbing Instruction Book PD7777MP, which fully illustrates and explains the installation of bathroom outfitts, sinks, laundry tubs, etc. This will show you clearly how to install the fixtures, as well as the supply and waste pipes, in the latest approved manner. You can do the work yourself and make a still greater saving.

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